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American Gas Association

GAS Facts

A Statistical Record of the Gas Industry

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GAS FACTS

2012

- ENERGY RESERVES
- NATURAL GAS SUPPLY
- END-USERS
- SALES
- TRANSPORTATION VOLUMES
- DISTRIBUTION AND TRANSMISSION
- FINANCE
- PERSONNEL DATA
- UNDERGROUND STORAGE
- ENERGY CONSUMPTION
- REVENUES
- PRICES
- HOUSING DATA
- GLOSSARY
- INDEX

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GAS FACTS

2012

Unless otherwise noted, material presented in this volume is based on data collected from individual utilities by the Departm ent of Statistics of the American Gas Associat ion. It may be excerpted without charge, but credit to the source is requested.

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eGUS

The underlying data for many of the tables in *Gas Facts* can be accessed by **AGA members** via eGUS, the Web-based version of the Gas Utilities Statistics system. To access this online database system, visit the site at www.aga.org/eGUS, and when prompted, enter your AGA website username and password (obtained via the AGA main page at www.aga.org). The eGUS User Manual and contact information are provided in the Help & FAQ section of the eGUS site.

For further information or assistance with the eGUS system, AGA members may contact Mr. Paul Pierson, Manager, Statistical Services at (202) 824-7133 or via e-mail at ppierson@aga.org.

AGA members and non-members may request specific queries of the database for a nominal fee. If you would like information regarding available data or query fees, please contact Mr. Paul Pierson, Manager, Statistical Services at (202) 824-7133 or via e-mail at ppierson@aga.org.

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INTRODUCTION

GENERAL

The American Gas Association assu med its presen t status as a gas utilit y industry trade association in 1918, after a merger of two pred ecessor organizations. Today it renders assi stance to the gas utility industry and provides an advocacy platform for local distribution com panies, so that the industry may serve its custo mers more efficiently. The Association recognizes the need for factual in formation regarding the gas industry for the use, not only of industry organizations, but also interested outside publics. Its statistical efforts are a vital part of this function, an d the publication of *Gas Facts* is one result of these efforts.

This publication contains detailed statistics for 2010 and summary statistics for prior years for the gas utility industry which by definition, cons ists of the co mpanies engaged in natural gas distribution and transmission. The publication also contains relev ant data on the gas pro ducing segment of the industr y. Gas volu mes are expressed in millions of cubic feet (at 14.73 psi and 60°F unless otherwise noted) and in British ther mal units (Btu) to per mit direct comparison with other energy data. A con version table is included as Appendix B. Thro ughout the publication numbers may not add up to total due to independent rounding.

The user should be aware that a large trans portation market has developed, which directly impacts gas utilit y sales quantities, revenues and nu mber of customers. Alth ough total pipeline throughput may remain the same, as transportation volumes to end-users increase, gas utility sales quantities to end-users will decrease.

Data presented in *Gas Facts,* broken down by company type, are not necessaril y comparable from year to year. Acquisitions, m ergers and co rporate reorganizations continue to cause the number of companies in any given category to vary from year to year. Some of these changes are significant and can cause a dramatic shift in the data reported for a specific category from prior years.

In addition, data and resulting estim ates are attributed to utilit y industry segments in *Gas Facts* as distribution, transmission or in tegrated, based not onl y on company operating revenues (see glossary) but also on how the co mpany submitted inform ation in the *Uniform Statistical Report* (USR). For example, if a com pany submits data un der one corporate name, such as qualifying revenue, for distribution and transmission activities combined, then it is placed in the integrated category. However, if a lar ge company submits data for its distribution com panies separate from trans mission companies, no effort is made to reco mbine the data to produce an integrated result. Distribution data in this case is attributed to the distribution segm ent and transmission data to the transmission segment.

SOURCES OF INFORMATION

Most of the information contained in this volume is developed from data forms contained in the *Uniform Statistical Report* and other sources such as the Energy Information Administration (EIA) and the Federal Energy Regulatory Commission (FERC). Tables presented in *Gas Facts* use data primarily from distribution companies submitting a *Uniform Statistical Report* (USR) and estimates for those companies not reporting based on recent historical experience.

Estimates of proved reserves of natural gas are taken from the U.S. Department of Energy report *U.S. Crude Oil, Natural Gas and Natural Gas Liquids Reserves.* Data for gas spaceheating customers were taken from the AGA *Residential Natural Gas Market Survey.* Changes in the quantity and format of data reported to AGA, the Energy Information Administration, the Federal Energy Regulatory Commission and others have influenced the quality and type of tables that can be constructed from the available sources. As a result, tables in this edition have been modified or eliminated compared with previous *Gas Facts* editions based on judgements regarding sample size and data quality.

ACKNOWLEDGEMENTS

Our thanks go to those companies participating in the *Uniform Statistical Report* data gathering effort. Their cooperation and support are the essential elements to making this publication a primary source of gas utility industry data. Also greatly appreciated is the cooperation of the public and governmental agencies credited in *Gas Facts* tables.

Key contributions to this publication have been made by the Manager, Statistical Services, Paul Pierson; Manager, Policy Analysis, Mariam Arnaout; Statistical Consultant, Kelly Hopkins; and Policy Analysis Senior Staff Associate, Lucy Castañeda-Land.

SECTION 1
2010 IN REVIEW

Highlights from the 2012 edition of *Gas Facts*

Supply

- Gas well completions in 2010 decreased 6.8 percent compared with 2009.
- Estimated working gas capacity in underground storage was 4,213 Bcf, with a total deliverability of 93,413 MMcf per day.
- The United States imported 3.7 trillion cubic feet of natural gas in 2010, primarily from Canada.

Delivery

- The U.S. natural gas industry had 2.39 million miles of pipeline — including distribution, services, transmission, and gathering lines — in place in 2010.

Sales

- Gas utility sales decreased 0.9 percent in 2010 to 7,980 trillion Btu.
- Residential sales decreased 0.4 percent from 2010 levels.
- Commercial sales decreased 3.1 percent.
- Industrial sales increased 0.2 percent.

Prices

- The average retail natural gas price decreased 5.4 percent in 2010 compared to 2009.
- The average residential price decreased 6.1 percent.
- Average commercial prices decreased 7.3 percent.
- Average industrial prices increased 2.9 percent.

TABLE 1-1
GAS UTILITY INDUSTRY SALES CUSTOMERS, SALES VOLUMES, REVENUES AND PRICES BY CLASS OF SERVICE
2009 and 2010

	2009	2010	Percentage Change
END-USERS—TOTAL[a]	**65,147**	**64,960**	**- 0.3**
Residential	60,344	60,246	- 0.2
Commercial	4,659	4,582	- 1.7
Industrial	142	129	- 8.9
Other	2	2	+ 3.7
SALES—TOTAL[b]	**8,050**	**7,980**	**- 0.9**
Residential	4,387	4,371	-0.4
Commercial	1,901	1,842	-3.1
Industrial	1,744	1,748	+0.2
Other	19	19	+3.9
REVENUES—TOTAL[c]	**77,675**	**72,886**	**-6.2**
Residential	50,500	47,231	-6.5
Commercial	18,451	16,578	-10.2
Industrial	8,577	8,959	+4.5
Other	147	117	-20.3
PRICES—TOTAL[d]	**$9.65**	**$9.13**	**-5.4**
Residential	11.51	10.81	-6.1
Commercial	9.71	9.00	-7.3
Industrial	5.17	5.32	+2.9
Other	7.89	6.06	-23.2

[a]Yearly averages (Thousands)
[b]Sales quantities (Trillion Btu)
[c]Revenues ($ Million)
[d]Prices ($/Million Btu)

SECTION 2
NATURAL GAS RESERVES AND PRODUCING GAS WELLS

U.S. NATURAL GAS RESERVES AS OF DECEMBER 31

	2009	% Change 2009/2008
Reserves (Billion Cubic Feet)		
Proved Reserves	272,509	+ 11.4
Discoveries	46,109	+ 51.8
Production	21,594	+ 5.2

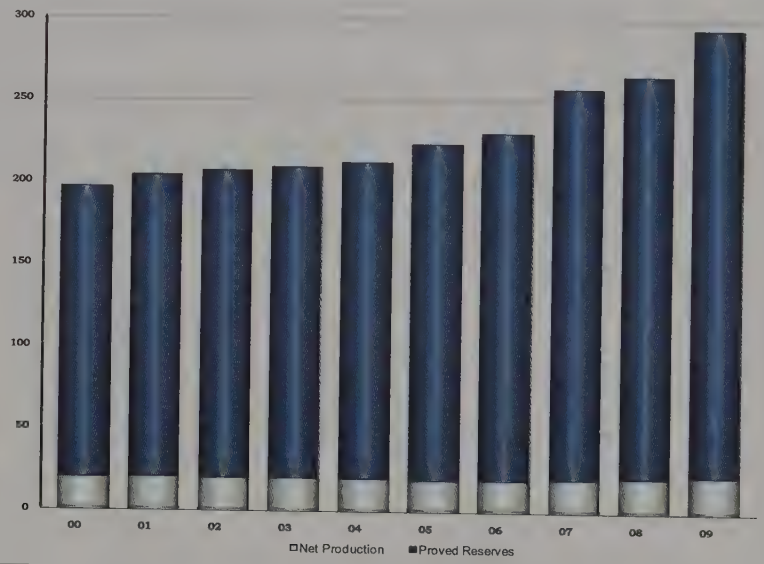
U.S. NATURAL GAS WELLS

	2010	% Change 2010/2009
Producing Wells	487,627	- 1.1

Chart 2-1

PROVED RECOVERABLE RESERVES & NET PRODUCTION OF NATURAL GAS IN THE UNITED STATES – 2000-2009

(Trillion Cubic Feet)



Source: U.S. Department of Energy, Energy Information Administration, *U.S. Crude Oil, Natural Gas, and Natural Gas Liquids Reserves*, 2010 Annual Report

TABLE 2-1
SUMMARY OF ANNUAL ESTIMATES OF PROVED RESERVES OF NATURAL GAS IN THE UNITED STATES
1982-2009
(Billion Cubic Feet)

		Changes in Reserves during Year								
Year	Net of Corrections and Adjustments (1)	Revision Increases (2)	Revision Decreases (3)	Extensions to Old Reservoirs (4)	Discoveries in Old Fields (5)	New Field Discoveries (6)	Total Discoveries[a] (7)	Production Dry (8)	Proved Reserves[b] 12/31 (9)	Net Change from Prior Year (10)
1982	2,378	19,795	19,340	8,349	3,419	2,687	14,455	17,506	201,512	(218)
1983	3,090	17,602	17,617	6,909	2,965	1,574	11,448	15,788	200,247	(1,265)
1984	(2,241)	17,841	14,712	8,299	2,686	2,536	13,521	17,193	197,463	(2,784)
1985	(1,708)	18,775	16,304	7,169	2,960	999	11,128	15,985	193,369	(4,094)
1986	1,320	21,269	17,697	6,065	1,771	1,099	8,935	15,610	191,586	(1,783)
1987	1,268	17,527	14,231	4,587	1,499	1,089	7,175	16,114	187,211	(4,375)
1988	2,193	23,367	38,427[c]	6,803	1,909	1,638	10,350	16,670	168,024[c]	(19,187)[c]
1989	3,013	26,673	23,643	6,339	2,243	1,450	10,032	16,983	167,116	(908)
1990	1,557	18,981	13,443	7,952	2,412	2,004	12,368	17,233	169,346	2,230
1991	2,960	19,890	15,474	5,090	1,604	848	7,542	17,202	167,062	(2,284)
1992	2,235	18,055	11,962	4,675	1,724	649	7,048	17,423	165,015	(2,047)
1993	972	17,597	12,248	6,103	1,866	899	8,868	17,789	162,415	(2,600)
1994	1,945	21,365	15,881	6,941	3,480	1,894	12,315	18,322	163,837	1,422
1995	580	20,465	12,731	6,843	2,452	1,666	10,961	17,966	165,146	1,309
1996	3,785	17,132	13,046	7,757	1,451	3,110	12,318	18,861	166,474	1,328
1997	(590)	21,658	16,756	10,585	2,681	2,382	15,648	19,211	167,223	749
1998	(1,635)	28,003	22,263	8,197	2,162	1,074	11,433	18,720	164,041	(3,182)
1999	982	42,167	31,663	7,043	2,196	1,568	10,807	18,928	167,041	3,365
2000	(891)	23,188	16,226	14,787	2,368	1,983	19,138	19,219	177,427	10,386
2001	(2,742)	18,358	20,676	16,380	2,800	3,578	22,758	19,779	183,460	6,033
2002	3,727	20,255	19,318	14,769	1,694	1,332	17,795	19,353	186,946	3,486
2003	2,841	19,912	21,550	16,454	1,610	1,222	19,286	19,425	189,044	2,098
2004	(114)	26,893	26,149	18,198	1,206	759	20,163	19,168	192,513	3,469
2005	1,887	22,353	19,654	21,050	1,208	942	23,200	18,458	204,385	11,872
2006	743	20,833	22,669	21,778	1,155	409	23,342	18,545	211,085	6,700
2007	1,147	32,174	16,713	21,707	1,188	796	29,091	19,466	237,726	26,641
2008	207	30,674	33,802	27,582	1,622	1,170	30,374	20,523	244,656	6,930
2009	5,098	31,416	33,035	42,139	2,598	1,372	46,109	21,594	272,509	27,853

[a]Col 4 + Col 5 + Col 6 = Col 7
[b]Proved Reserves Prior Year = Col 9 + Col 1 + Col 2 - Col 3 + Col 7 - Col 8
[c]An unusually large revision decrease was made to North Slope dry natural gas reserves in 1988 because of lack of transportation to potential markets
Note: "Old" means discovered in a prior year. "New" means discovered during the report year.
Source: U.S. Department of Energy, Energy Information Administration, *U.S. Crude Oil, Natural Gas, and Natural Gas Liquids Reserves*, 2010 Annual Report

TABLE 2-2
SUMMARY OF ANNUAL ESTIMATES OF ESTABLISHED RESERVES OF NATURAL GAS IN CANADA[a]
1991-2010
(Billion Cubic Feet)

Year	Reserves Remaining at Beginning of Year	Changes Due to	Reserves Remaining at End of Year	Change during Year
		Net Production		
1991	96,200[c]	4,037	95,700[c]	(500)[c]
1992	95,700[c]	4,436	94,320[c]	(1,380)[c]
1993	94,320[c]	4,896	78,790[c]	(15,530)[c]
1994	78,790[c]	5,300	67,000[c]	(11,790)[c]
1995	67,000[c]	5,643	68,100[c]	1,100[c]
1996	68,100[c]	5,835	68,550[c]	450[c]
1997	68,550[c]	5,954	63,860[c]	(4,690)[c]
1998	63,860[c]	6,125	61,710[c]	(2,150)[c]
1999	61,710[c]	6,244	60,680[c]	(1,030)[c]
2000	60,680[c]	6,418	59,430[c]	(1,250)[c]
2001	59,430[c]	6,407	59,810[c]	380[c]
2002	59,810[c]	6,363	58,770[c]	(1,040)[c]
2003	58,770[c]	6,038	56,290[c]	(2,480)[c]
2004	56,290[c]	6,152	56,260[c]	(30)[c]
2005	56,260[c]	6,196	57,650[c]	1,390[c]
2006	57,650[c]	6,217	57,910[c]	260[c]
2007	57,910[c]	6,175	57,700[c]	(210)[c]
2008	57,700[c]	5,822	61,950[c]	4,250[c]
2009	61,950[c]	5,523	61,000[c]	(950)[c]
Break in Data Series				
2010	59,252	-----	59,092	(160)

[a]Volumes are calculated at a pressure base of 14.65 psia and at a standard temperature of 60°F.
[c]Rounded
Parentheses, ( ), denote a volume decrease (negative number).
Source: Canadian Association of Petroleum Producers

TABLE 2-3
MARKETABLE NATURAL GAS
REMAINING ESTABLISHED RESERVES IN CANADA
AT YEAR END
2001- 2010
(Billion Cubic Feet)

	Main Terr. (S. 68° N)	British Columbia	Alberta	Sask.	Ontario	New Brunswick*	E. Coast Offshore	Canada
2001	530.6	8,872.8	44,928.4	2,886.3	406.6	3.7	2,178.7	59,849.6
2002	446.9	8,993.3	44,233.8	2,706.8	403.3	3.7	1,983.0	59,849.6
2003	439.9	9,178.5	42,333.4	3,103.3	409.2	3.7	823.7	56,291.6
2004	419.3	10,221.2	41,526.2	3,002.0	404.6	3.7	680.8	56,257.7
2005	397.6	12,283.6	40,734.8	3,235.3	459.8	3.7	538.4	57,653.3
2006	361.7	12,983.5	39,949.2	3,490.1	706.5	3.7	411.2	57,905.9
2007	353.0	13,275.8	39,726.5	3,357.0	700.7	3.7	281.2	57,698.0
2008	356.3	17,058.8	44,928.4	3,129.6	693.5	3.7	500.6	61,950.2
2009	353.1	18,865.4	44,928.4	2,861.4	685.7	3.7	373.6	61,004.3
Break in Data Series								
2010	464.2	19,085.9	36,200.9	2,249.5	678.3	137.7	275.5	59,092.1

*Note: Effective 2010 New Brunswick included. Prior years was "Other Eastern Canada"

Note: Effective 2010 CAPP Reserves are based on provincial and NEB data. Year ends vary.

Source: Canadian Association of Petroleum Producers

TABLE 2-3
CHANGE DURING YEAR IN
MARKETABLE NATURAL GAS
REMAINING ESTABLISHED RESERVES IN CANADA
2001- 2010
(Billion Cubic Feet)

	Main Terr. (S. 68° N)	British Columbia	Alberta	Sask.	Ontario	New Brunswick*	E. Coast Offshore	Canada
2001/02	(83.7)	120.5	(694.6)	(179.5)	(3.3)	0.0	(195.7)	0.0
2002/03	(7.0)	185.2	(1900.4)	396.5	5.9	0.0	(1159.3)	(3558.0)
2003/04	(20.6)	1042.7	(807.2)	(101.3)	(4.6)	0.0	(142.9)	(33.9)
2004/05	(21.7)	2062.4	(791.4)	233.3	55.2	0.0	(142.4)	1395.6
2005/06	(35.9)	699.9	(785.6)	254.8	246.7	0.0	(127.2)	252.6
2006/07	(8.7)	292.3	(222.7)	(133.1)	(5.8)	0.0	(130.0)	(207.9)
2007/08	3.3	3783.0	5201.9	(227.4)	(7.2)	0.0	219.4	4252.2
2008/09	(3.2)	1806.6	0.0	(268.2)	(7.8)	0.0	(127.0)	(945.9)
Break in Data Series								
2009/10	464.2	19,085.9	36,200.9	2,249.5	678.3	137.7	275.5	59,092.1

*Note: Effective 2010 New Brunswick included. Prior years was "Other Eastern Canada"

Note: Effective 2010 CAPP Reserves are based on provincial and NEB data. Year ends vary.

() Denotes negative number

Source: Canadian Association of Petroleum Producers

TABLE 2-5
NUMBER OF PRODUCING GAS WELLS BY STATE
1995-2010[a,b]

Division and State	1995	2000	2005	2008	2009	2010
UNITED STATES	**298,541**	**341,678**	**425,887**	**476,652**	**493,100**	**487,627**
New England	**0**	**0**	**0**	**0 0**		**0**
Middle Atlantic	**37,159**	**41,775**	**52,103**	**62,306**	**63,984**	**51,236**
New Jersey	0	0	0	0 0		0
New York	6,134	5,775	5,449	6,675	6,628	6,736
Pennsylvania	31,025	36,000	46,654	55,631	57,356	44,500
East North Central	**41,497**	**42,747**	**45,272**	**44,981**	**46,177**	**45,701**
Illinois	372	280	316	45	51	50
Indiana	1,347	1,502	2,321	525	563	620
Michigan	5,258	7,068	8,900	9,995	10,600	10,100
Ohio	34,520	33,897	33,735	34,416	34,963	34,931
Wisconsin	0	0	0	0 0		0
West North Central	**22,277**	**15,469**	**19,277**	**18,449**	**21,813**	**22,711**
Iowa	0	0	0	0 0		0
Kansas	22,020	15,206	18,946	17,862	21,243	22,145
Minnesota	0	0	0	0 0		0
Missouri	15	0	0	0 0		0
Nebraska	87	98	114	322	285	276
North Dakota	99	94	148	194	196	188
South Dakota	56	71	69	71	89	102
South Atlantic	**37,822**	**45,533**	**53,474**	**55,797**	**57,912**	**59,975**
Delaware	0	0	0	0 0		0
District of Columbia	0	0	0	0 0		0
Florida	0	0	0	0 0		0
Georgia	0	0	0	0 0		0
Maryland	7	7	7	7	7	7
North Carolina	0	0	0	0 0		0
South Carolina	0	0	0	0 0		0
Virginia	1,671	3,051	4,132	6,426	7,303	7,470
West Virginia	36,144	42,475	49,335	49,364	50,602	52,498
East South Central	**17,372**	**19,223**	**21,774**	**25,778**	**26,695**	**26,905**
Alabama	3,526	4,359	5,523	6,860	6,913	7,026
Kentucky	13,311	13,487	14,175	16,290	17,152	17,670
Mississippi	535	997	1,676	2,343	2,320	1,979
Tennessee	0	380	400	285	310	230
West South Central	**102,525**	**101,784**	**133,83[a]**	**154,282**	**162,281**	**165,548**
Arkansas	3,988	4,000	3,462[a]	5,592	6,314	7,397
Louisiana	14,169	15,700	18,838	19,213	18,860	19,137
Oklahoma	29,733	21,507	36,704	41,921	43,600	44,000
Texas	54,635	60,577	74,827	87,556	93,507	95,014
Mountain	**38,775**	**73,809**	**96,435**	**111,605**	**110,326**	**111,824**
Arizona	7	9	6	6	6	5
Colorado	7,017	22,442	22,691	25,716	27,021	28,813
Idaho	0	0	0	0 0		0
Montana	2,918	3,321	5,751	7,095	7,031	6,059
Nevada	0	4	4	0	0	0
New Mexico	23,510	33,948	40,157	44,241	44,784	44,748
Utah	1,127	4,178	4,092	5,578	5,774	6,075
Wyoming	4,196	9,907	23,734	28,969	25,710	26,124
Pacific	**1,114**	**1,338**	**1,598**	**1,927**	**1,928**	**1,875**
Alaska	100	152	227	261	261	269
California	997	1,169	1,356	1,645	1,643	1,580
Hawaii	0	0	0	0 0		0
Oregon	17	17	15	21	24	26
Washington	0	0	0	0 0		0
Gulf of Mexico[b]	**n.a**	**n.a**	**2,123**	**1,527**	**1,984**	**1,852**

[a]Data pertain only to dry gas and condensate wells. Data as of December 31.
[b]Beginning in 2001, the number of Federal offshore Gulf of Mexico producing gas and gas condensate wells is reported separately. For previous years, the well counts for the Federal offshore Gulf of Mexico were included in the well counts for the States of Alabama, Louisiana and Texas.
n.a. - Not Available
Source: Energy Information Administration, *Natural Gas Annual 2010*, December 2011

TABLE 2-6
CRUDE OIL AND NATURAL GAS WELLS DRILLED
1981-2010

Year	Crude Oil	Natural Gas	Dry	TOTAL
1981	43,598	20,166	27,789	91,553
1982	39,199	18,979	26,219	84,397
1983	37,120	14,564	24,153	75,837
1984	42,605	17,127	25,681	85,413
1985	35,261	14,324	21,211	70,796
1986	19,097	8,615	12,678	40,291
1987	16,164	8,055	11,112	35,331
1988	13,636	8,555	10,041	32,232
1989	10,204	9,539	8,188	27,931
1990[R]	12,839	11,246	8,245	32,330
1991	11,770	9,526	7,596	28,892
1992	8,757	8,209	6,118	23,084
1993	8,407	10,017	6,328	24,752
1994	6,721	9,538	5,307	21,566
1995[R]	8,248	8,082	4,814	21,144
1996[R]	8,836	9,027	4,890	22,753
1997[R]	11,206	11,498	5,874	28,578
1998[R]	7,682	11,639	4,761	24,082
1999[R]	4,805	12,027	3,550	20,382
2000[R]	8,090	17,051	4,146	29,287
2001[R]	8,888	22,072	4,598	35,558
2002[R]	6,775	17,342	3,754	27,871
2003[R]	8,129	20,722	3,982	32,833
2004[R]	8,789	24,186	4,082	37,057
2005[R]	10,779	28,584	4,653	44,016
2006[R]	13,229	32,766	5,176	51,171
2007[R]	13,382	32,834	5,064	51,280
2008[R]	16,791	32,940	5,543	55,274
2009[R]	11,582	18,988	3,689	34,259
2010	16,775	17,702	4,518	38,995

[R]Revised
Source: U.S. Department of Energy, Energy Information Administration, *Monthly Energy Review*, November 2011

TABLE 2-7
Average Weekly Rotary Rigs
Drilling Direction
1991-2010

Year	Directional	Horizontal	Vertical	TOTAL
1991	107	75	678	860
1992	85	54	582	720
1993	99	50	605	754
1994	137	50	588	775
1995	145	52	526	723
1996	169	58	552	779
1997	207	69	668	943
1998	210	46	571	827
1999	159	39	427	625
2000	217	55	646	918
2001	281	77	799	1,156
2002	226	60	543	830
2003	262	81	689	1,032
2004	311	119	761	1,192
2005	341	181	862	1,383
2006	384	285	980	1,649
2007	376	393	999	1,768
2008	372	553	954	1,879
2009	201	456	433	1,089
2010	222	822	501	1,546

Source: Baker Hughes, North America Rotary Rig Counts

SECTION 3
NATURAL GAS IMPORTS, EXPORTS AND SUPPLEMENTALS

	2010	% Change 2010/2009
Imports (Billion cubic feet)	3,741	- 0.3
Exports (Billion cubic feet)	1,137	6.0

TABLE 3-1
EXPORTS OF NATURAL GAS FROM THE UNITED STATES – 1982-2010
(Million Cubic Feet)

Year	TOTAL	Canada	Mexico	Japan[a]	Other[b]
1982	51,727	162	1,707	49,858	0
1983	54,638	137	1,646	52,855	0
1984	54,753	128	1,786	52,840	0
1985	55,269	177	2,205	52,883	0
1986	61,271	9,203	1,896	50,172	0
1987	54,020	3,297	2,125	48,599	0
1988	73,638	19,738	2,327	51,573	0
1989	106,871	38,443	17,004	51,424	0
1990	85,565	17,359	15,659	52,546	0
1991	129,244	14,791	60,448	54,005	0
1992	216,282	67,777	95,973	52,532	0
1993	140,183	44,518	39,676	55,989	0
1994	161,738	52,556	46,500	62,682	0
1995	154,119	27,554	61,283	65,283	0
1996	153,393	51,905	33,840	67,648	0
1997	157,006	56,447	38,372	62,187	0
1998	159,007	39,891	53,165	65,951	0
1999	163,415	38,508	61,300	63,607	0
2000	243,716	72,586	105,520	65,610	0
2001	373,278	166,690	140,835	65,753	0
2002	516,233	189,313	263,481	63,439	0
2003	679,922	270,988	343,236	65,698	0
2004	854,138	394,585	397,453	62,099	0
2005	728,601	358,280	305,196	65,124	0
2006	723,958	341,065	322,128	60,765	0
2007	822,454	482,196	291,773	46,501	1,982
2008	1,005,724	590,480	365,396	49,796	53
2009	1,072,357	700,596	338,406	30,536	2,819
2010	1,136,789	738,745	333,251	32,922	31,871

[a]LNG exports from Alaska

[b]Includes all other LNG Exports

Source: U.S. Department of Energy, Energy Information Administration, *Natural Gas Monthly*, November 2011

TABLE 3-2
PIPELINE IMPORTS OF NATURAL GAS TO THE UNITED STATES – 1982-2010
(Million Cubic Feet)

Year	TOTAL	Canada	Mexico
1982	878,198	783,406	94,792
1983	787,283	711,923	75,360
1984	806,869	755,368	51,501
1985	926,054	926,054	0
1986	748,780	748,780	0
1987	992,532	992,532	0
1988	1,276,322	1,276,322	0
1989	1,339,357	1,339,357	0
1990	1,448,065	1,448,065	0
1991	1,709,716	1,709,716	0
1992	2,094,387	2,094,387	0
1993	2,268,429	2,266,751	1,678
1994	2,573,061	2,566,049	7,013
1995	2,823,130	2,816,408	6,722
1996	2,897,138	2,883,277	13,862
1997	2,916,394	2,899,152	17,243
1998	3,066,605	3,052,073	14,532
1999	3,422,075	3,367,545	54,530
2000	3,555,567	3,543,966	11,601
2001	3,738,814	3,728,537	10,276
2002	3,786,733	3,784,978	1,755
2003	3,437,230	3,437,230	0
2004	3,606,543	3,606,543	0
2005	3,709,774	3,700,454	9,320
2006	3,602,744	3,589,995	12,749
2007	3,836,770	3,782,708	54,062
2008	3,632,535	3,589,221	43,314
2009	3,299,403	3,271,107	28,296
2009	3,309,747	3,279,752	29,995

Source: U.S. Department of Energy, Energy Information Administration, *Natural Gas Monthly*, November 2011

TABLE 3-3
LNG IMPORTS AND EXPORTS
1982-2010
(Million Cubic Feet)

	IMPORTS					EXPORTS		
Year	**Algeria**	**Egypt**	**Nigeria**	**Trinidad**	**Other[a]**	**Japan**	**Other[b]**	**TOTAL NET**
1982	55,136	0	0	0	0	49,858	0	5,279
1983	131,124	0	0	0	0	52,855	0	78,269
1984	36,191	0	0	0	0	52,840	0	-16,649
1985	23,659	0	0	0	0	52,883	0	-29,224
1986	1,669	0	0	0	1,669	50,172	0	-48,503
1987	0	0	0	0	0	48,599	0	-48,599
1988	17,490	0	0	0	0	51,573	0	-34,083
1989	42,163	0	0	0	0	51,424	0	-9,262
1990	84,193	0	0	0	0	52,546	0	31,647
1991	63,596	0	0	0	0	54,005	0	9,591
1992	43,116	0	0	0	0	52,532	0	-9,415
1993	81,685	0	0	0	0	55,989	0	25,697
1994	50,778	0	0	0	0	62,682	0	-11,904
1995	17,918	0	0	0	0	65,283	0	-47,364
1996	35,325	0	0	0	4,949	67,648	0	-27,374
1997	65,675	0	0	0	12,103	62,187	0	15,591
1998	68,567	0	0	0	16,885	65,951	33	19,469
1999	75,763	0	0	50,777	36,890	63,607	275	99,548
2000	46,947	0	12,654	98,949	67,485	65,610	418	160,008
2001	64,945	0	37,966	98,009	37,207	65,753	465	171,908
2002	26,584	0	8,123	151,104	42,919	63,439	403	164,888
2003	53,423	0	50,067	378,069	24,959	65,698	376	440,444
2004	120,343	0	11,818	462,100	57,754	62,099	368	589,548
2005	97,157	72,540	8,149	439,246	14,168	65,124	242	565,894
2006	17,449	119,528	57,292	389,268	0	60,765	173	522,599
2007	77,299	114,580	95,028	447,758	36,146	46,501	87	724,224
2008	0	54,839	12,049	264,218	20,592	49,796	53	301,848
2009	0	160,435	13,306	236,202	42,014	30,536	2,819	418,602
2010	0	72,990	41,733	189,748	126,539	32,922	31,871	366,217

[a]Other includes imports from Australia, Brunei, Equatorial Guinea, Indonesia, Malaysia, Oman, Qatar and United Arab Emirates.
[b]Other includes exports to Brazil, India, Mexico, South Korea, Spain and United Kingdom.

Source: U.S. Department of Energy, Energy Information Administration, *Natural Gas Monthly*, November 2011

TABLE 3-4
SUPPLEMENTAL GAS SUPPLIES BY STATE
2010
(Million Cubic Feet)

Division and State	TOTAL	Synthetic Natural Gas	Propane-Air	Biomass Gas	Other[a]
UNITED STATES	**64,575**	**57,279**	**401**	**1,294**	**5,602**
New England	**1**	**0 1**		**0**	**0**
Connecticut	0	0	0	0	0
Maine	0	0 0		0	0
Massachusetts	*	0 *		0	0
New Hampshire	0	0 0		0	0
Rhode Island	0	0 0		0	0
Vermont	1	0 1		0	0
Middle Atlantic	**463**	**0 6**		**0**	**457**
New Jersey	457	0 0		0	457
New York	2	0 2		0	0
Pennsylvania	4	0 4		0	0
East North Central	**354**	**0**	**59**	**313**	**0**
Illinois	0	0	17	0	0
Indiana	1	0 1		0	0
Michigan	0	0 0		0	0
Ohio	353	0	40	313	0
Wisconsin	0	0 0		0	0
West North Central	**54,857**	**54,813**	**44**	**0**	**0**
Iowa	2	0 2		0	0
Kansas	0	0 0		0	0
Minnesota	12	0	12	0	0
Missouri	18	*	18	0	0
Nebraska	12	0	12	0	0
North Dakota	54,813	54,813	0	0	0
South Dakota	0	0 0		0	0
South Atlantic	**1,007**	**0**	**275**	**732**	**0**
Delaware	1	0 1		0	0
District of Columbia	0	0 0		0	0
Florida	0	0 0		0	0
Georgia	732	0 0		732	0
Maryland	115	0	115	0	0
North Carolina	0	0 0		0	0
South Carolina	0	0 0		0	0
Virginia	159	0	159	0	0
West Virginia	0	0 0		0	0
East South Central	**5**	**0 5**		**0**	**0**
Alabama	0	0 0		0	0
Kentucky	5	0 5		0	0
Mississippi	0	0 0		0	0
Tennessee	0	0 0		0	0
West South Central	**249**	**0**	**0**	**249**	**0**
Arkansas	0	0 0		0	0
Louisiana	249	0 0		249	0
Oklahoma	0	0 0		0	0
Texas	0	0 0		0	0
Mountain	**5,148**	**0 4**		**0**	**5,144**
Arizona	0	0 0		0	0
Colorado	5,148	0 4		0	5,144
Idaho	0	0	0	0	0
Montana	0	0 0		0	0
Nevada	0	0 0		0	0
New Mexico	0	0 0		0	0
Utah	0	0 0		0	0
Wyoming	0	0 0		0	0
Pacific	**2,471**	**2,465**	**6**	**0**	**0**
Alaska	0	0 0		0	0
California	0	0 0		0	0
Hawaii	2,471	2,465	6	0	0
Oregon	0	0 0		0	0
Washington	0	0 0		0	0

[a]Includes coke oven gas, manufactured gas, biomass gas, and air injection for Btu stabilization
Numbers may not add up to totals due to independent rounding.
*Volume is less than 500,000 cubic feet.
Source: U.S. Department of Energy, Energy Information Administration, *Natural Gas Annual*, December 2011

SECTION 4
UNDERGROUND GAS STORAGE

	2010
Number of Sites	398
Est. Total Capacity (Billion cubic feet)	8,549
Est. Base Gas Capacity (Billion cubic feet)	4,336
Est. Working Gas Capacity (Billion cubic feet)	4,213
Maximum Deliverability (Billion cubic feet/day)	93

Source: American Gas Association, *20010/11 Survey of Underground Storage of Natural Gas in the United States and Canada*, January 2012

TABLE 4-1
UNDERGROUND STORAGE SITES AND WORKING GAS CAPACITY IN THE UNITED STATES

Year	Sites	States	Est. Working Gas Capacity (Billion Cubic Feet)	Maximum Deliverability (Million Cubic Feet/Day)
2010	398	30	4,213	93,413

Source: American Gas Association, *2010/11 Survey of Underground Storage of Natural Gas in the United States and Canada*, January 2012

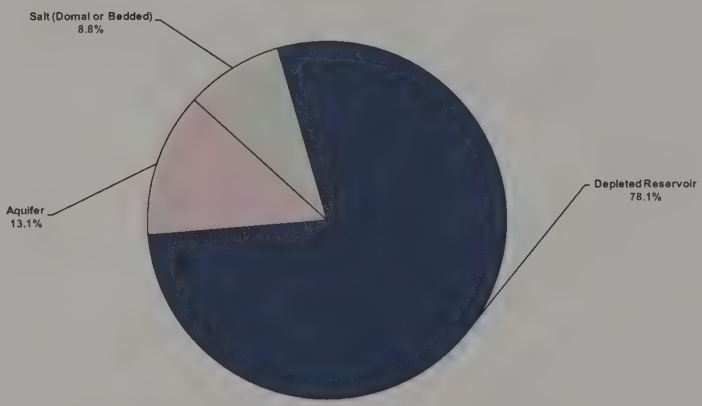
TABLE 4-2
UNDERGROUND STORAGE BY RESERVOIR TYPE AND WORKING CAPACITY 2010

	Sites	States	Est. Working Gas Capacity (Billion Cubic Feet)	Est. Base Gas Capacity (Billion Cubic Feet)	Total Underground Storage Capacity (Billion Cubic Feet)
Depleted Reservoir	311	24	3,599	3,288	6,887
Aquifer	52	10	400	953	1,353
Salt (Domal or Bedded)	35	8	215	95	310
TOTAL	**398**	**30**	**4,213**	**4,336**	**8,549**

Source: American Gas Association, *2010/11 Survey of Underground Storage of Natural Gas in the United States and Canada*, January 2012

Chart 4-1

Distribution of Underground Storage by Reservoir Type



Source: American Gas Association, *2010/11 Survey of Underground Storage of Natural Gas in the United States and Canada*, January 2012

TABLE 4-3
DISTRIBUTION OF UNDERGROUND STORAGE BY RESERVOIR TYPE IN THE UNITED STATES 2010

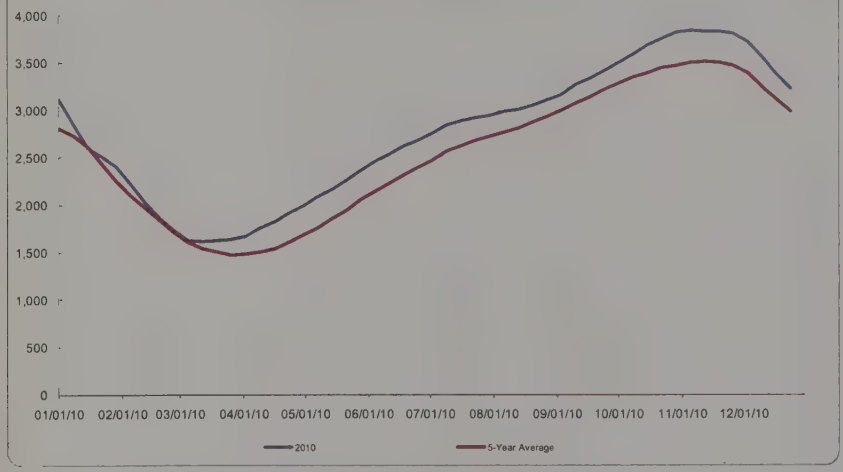
	Sites (%)	Working Gas (%)	Base Gas (%)
Depleted Reservoir	78.1	85.4	75.8
Aquifer	13.1	9.5	22.0
Salt (Domal or Bedded)	8.8	5.1	2.2
TOTAL	**100**	**100**	**100**

Numbers may not add up due to independent rounding.
Source: American Gas Association, *2010/11 Survey of Underground Storage of Natural Gas in the United States and Canada*, January 2012.

Chart 4-2

Total Working Gas in Storage

Comparison of 2010 to Prior 5-Year Average



Source: U.S. Department of Energy, Energy Information Administration, *Weekly Natural Gas Storage Report*

TABLE 4-4
WORKING GAS STORAGE SURVEY WEEKLY DATA
2010

Date	Regions			TOTAL U.S.
	Producing[a]	East[b]	West[c]	
Jan 01	1,006	1,678	434	3,118
Jan 08	906	1,532	414	2,852
Jan 15	810	1,401	396	2,607
Jan 22	807	1,334	380	2,521
Jan 29	796	1,251	359	2,406
Feb 05	736	1,135	344	2,215
Feb12	673	1,030	322	2,025
Feb 19	607	935	311	1,853
Feb 26	580	861	296	1,737
Mar 05	548	789	289	1,626
Mar 12	562	770	283	1,615
Mar 19	581	760	285	1,626
Mar 26	596	753	289	1,638
Apr 02	627	750	292	1,669
Apr 09	665	795	296	1,756
Apr 16	696	829	304	1,829
Apr 23	727	867	318	1,912
Apr 30	760	905	330	1,995
May 07	787	958	344	2,089
May 14	814	992	359	2,165
May 21	845	1,047	377	2,269
May 28	868	1,095	394	2,357
Jun 04	896	1,148	412	2,456
Jun 11	919	1,200	424	2,543
Jun 18	935	1,251	438	2,624
Jun 25	943	1,293	448	2,684
Jul 02	962	1,341	459	2,762
Jul 09	986	1,384	470	2,840
Jul 16	992	1,425	474	2,891
Jul 23	987	1,459	473	2,919
Jul 30	979	1,493	476	2,948
Aug 06	970	1,536	479	2,985
Aug 13	954	1,576	482	3,012
Aug 20	949	1,624	479	3,052
Aug 27	956	1,677	473	3,106
Sep 03	974	1,712	478	3,164
Sep 10	1,010	1,766	491	3,267
Sep 17	1,029	1,819	492	3,340
Sep 24	1,050	1,867	497	3,414
Oct 01	1,082	1,920	497	3,499
Oct 08	1,124	1,963	503	3,590
Oct 15	1,161	2,014	508	3,683
Oct 22	1,192	2,048	514	3,754
Oct 29	1,218	2,087	516	3,821
Nov 05	1,233	2,087	520	3,840
Nov 12	1,238	2,079	518	3,835
Nov 19	1,240	2,069	519	3,828
Nov 26	1,254	2,053	498	3,805
Dec 03	1,237	2,002	477	3,716
Dec 10	1,194	1,891	467	3,552
Dec 17	1,138	1,774	456	3,368
Dec 24	1,117	1,671	444	3,232
Dec 31	1,079	1,590	428	3,097

[a]Includes Texas, Oklahoma, Kansas, New Mexico, Louisiana, Arkansas and Mississippi.

[b]Includes all states east of the Mississippi River—except Mississippi and Alabama—and Iowa, Nebraska and Missouri.

[c]Includes all states west of the Mississippi River—except Iowa, Nebraska, and Missouri—and Producing Region states.

Source: U.S. Department of Energy, Energy Information Administration, *Weekly Natural Gas Storage Report*

TABLE 4-5
CANADIAN UNDERGROUND NATURAL GAS STORAGE STATISTICS
2010

	TOTAL CANADA	Alberta	British Columbia	Ontario	Quebec	Saskatchewan
Number of Facilities						
Depleted Reservoir	47	5	1	35	2	4
Salt Cavern	8	1	0	0	0	7
TOTAL	**55**	**6 1**		**35**	**2**	**11**
Working Gas Capacity (Bcf)						
Depleted Reservoir	606.6	260.4	48.0	257.9	5.0	35.2
Salt Cavern	17.9	3.7	0.0	0.0	0.0	14.3
TOTAL	**624.5**	**264.1**	**48.0**	**257.9**	**5.0**	**49.5**
Maximum Deliverability (Bcf/d)						
Depleted Reservoir	4.9*	3.9	0.7	n.a.	0.1	0.2
Salt Cavern	1.1	0.6	0.0	0.0	0.0	0.5
TOTAL	**6.0***	**4.5**	**0.7**	**n.a.**	**0.1**	**0.7**

*Does Not Include Ontario
n.a. – Not Available
Source: American Gas Association, 2010/11 *Survey of Underground Storage of Natural Gas in the United States and Canada*, January 2012.

UNDERGROUND STORAGE

SECTION 5
DISTRIBUTION AND TRANSMISSION
MILES OF PIPELINE

	2010	% Change 2010/2009
MILES OF PIPELINE (Thousands)	**2,392.1**	**- 0.0**
Gathering	18.7	- 4.9
Transmission	307.6	+ 3.5
Distribution	1,204.4	- 0.4
Services	861.3	- 0.6

Source: Tables in the section are compiled from U.S. Department of Transportation data

TABLE 5-1
GAS INDUSTRY MILES OF PIPELINE AND MAIN BY TYPE
1990-2010[a]
(Thousands)

Year	TOTAL[a]	Gathering	Transmission Pipeline	Distribution Main
1990	1,189.2	32.4	292.2	864.6
1991	1,208.2	32.7	294.1	891.4
1992	1,216.1	32.6	291.5	892.0
1993	1,277.2	32.1	293.3	951.8
1994	1,288.4	31.3	301.5	955.6
1995	1,277.6	30.9	296.9	949.8
1996	1,323.6	29.6	292.2	1,001.8
1997	1,331.8	34.7	294.0	1,003.1
1998	1,351.2	29.0	300.1	1,022.1
1999	1,340.3	31.8	301.0	1,007.5
2000	1,369.3	27.1	296.6	1,045.6
2001	1,373.5	20.1	287.1	1,066.3
2002	1,411.4	22.3	309.5	1,079.6
2003	1,424.2	22.3	304.0	1,097.9
2004	1,462.3	23.7	298.9	1,139.8
2005	1,437.5	23.3	296.4	1,117.8
2006	1,534.3	19.9	300.4	1,214.0
2007	1,520.2	19.1	300.0	1,201.1
2008	1,525.0	20.0	299.0	1,206.0
2009	1,526.4	19.7	297.2	1,209.5
2010	1,530.7	18.7	307.6	1,204.4
Steel	869.6	17.5	303.2	549.0
Plastic	621.9	1.3	1.3	619.4
Other	39.4	0.1	3.2	36.1

[a] Excludes service pipe and underground storage.
Numbers may not add up to totals due to independent rounding.

TABLE 5-2
GAS INDUSTRY MILES OF MAIN BY STATE
1995-2010

Division and State	1995	2000	2005	2009	2010
UNITED STATES	**949,802**	**1,045,641**	**1,117,784**	**1,209,499**	**1,204,432**
New England	**30,492**	**32,281**	**35,768**	**34,057**	**35,218**
Connecticut	6,774	7,084	7,465	7,631	7,666
Maine	381	452	602	204	748
Massachusetts	18,625	19,650	20,792	21,067	21,133
New Hampshire	1,402	1,609	3,066	1,360	1,863
Rhode Island	2,932	3,024	3,095	3,129	3,132
Vermont	378	462	748	666	678
Middle Atlantic	**112,611**	**117,877**	**125,092**	**127,865**	**128,337**
New Jersey	28,505	30,486	32,301	33,247	33,455
New York	42,946	44,681	46,444	47,484	47,591
Pennsylvania	41,160	42,710	46,348	47,134	47,290
East North Central	**198,377**	**221,379**	**226,084**	**249,599**	**250,000**
Illinois	52,098	52,801	45,647	60,734	60,991
Indiana	32,537	34,988	38,003	39,562	39,541
Michigan	45,188	50,434	54,054	55,777	55,917
Ohio	43,122	50,897	54,775	56,480	56,318
Wisconsin	25,432	32,259	33,605	37,046	37,233
West North Central	**93,054**	**103,804**	**111,339**	**112,273**	**102,035**
Iowa	15,325	16,679	20,343	17,564	17,533
Kansas	18,830	20,570	18,435	18,950	21,770
Minnesota	21,113	24,986	28,039	29,381	15,923
Missouri	21,572	23,781	25,721	26,683	26,912
Nebraska	10,252	10,861	11,930	12,307	12,422
North Dakota	1,620	2,461	2,723	2,944	2,992
South Dakota	4,342	4,466	4,149	4,444	4,483
South Atlantic	**105,932**	**124,090**	**137,647**	**163,667**	**166,074**
Delaware	1,795	2,144	2,422	2,781	2,809
District of Columbia	1,194	1,202	1,188	1,189	1,190
Florida	5,445	7,202	22,479	24,583	26,587
Georgia	32,870	37,113	39,583	42,880	43,065
Maryland	10,480	12,116	13,531	14,182	14,275
North Carolina	17,272	21,426	11,602	27,541	28,379
South Carolina	13,292	15,978	18,010	20,132	18,725
Virginia	14,514	17,435	19,242	20,265	20,602
West Virginia	9,070	9,474	9,590	10,114	10,441
East South Central	**72,948**	**83,517**	**88,192**	**96,458**	**97,389**
Alabama	21,794	23,811	26,964	29,212	29,659
Kentucky	13,855	14,848	15,779	16,605	16,565
Mississippi	11,951	13,581	14,124	15,365	14,659
Tennessee	25,348	31,277	31,325	35,276	36,506
West South Central	**143,422**	**148,195**	**163,086**	**165,745**	**163,880**
Arkansas	16,048	16,374	18,980	19,633	19,964
Louisiana	22,646	24,185	24,425	24,772	24,909
Oklahoma	22,403	21,520	23,992	24,578	25,100
Texas	82,325	86,116	95,690	96,762	93,906
Mountain	**76,035**	**91,457**	**105,467**	**116,795**	**117,021**
Arizona	15,716	17,838	21,488	23,887	23,852
Colorado	21,634	25,566	31,561	34,266	34,147
Idaho	4,881	5,986	7,033	7,875	7,945
Montana	5,092	5,645	6,494	6,683	6,713
Nevada	5,166	8,837	8,476	9,647	9,736
New Mexico	10,674	11,612	12,513	13,271	13,276
Utah	9,233	12,250	14,204	16,338	16,450
Wyoming	3,639	3,723	3,697	4,828	4,901
Pacific	**116,931**	**123,041**	**125,108**	**143,040**	**144,479**
Alaska	2,027	2,550	2,732	2,888	2,957
California	87,573	90,164	99,052	102,660	104,043
Hawaii	613	597	609	613	613
Oregon	11,301	11,906	14,199	15,276	15,289
Washington	15,417	17,824	8,516	21,603	21,577

Data not adjusted to common diameter equivalent. Mileage shown is as of end of year.

TABLE 5-3
GAS INDUSTRY MILES OF PIPELINE AND MAIN BY STATE AND TYPE OF MAIN
2010[a,b,c]

Division and State	TOTAL	Field and Gathering	Transmission	Distribution
UNITED STATES	**1,530,766**	**18,736**	**307,598**	**1,204,432**
New England	**37,514**	**0**	**2,296**	**35,218**
Connecticut	8,082	0	416	7,666
Maine	759	0	11	748
Massachusetts	21,168	0	35	21,133
New Hampshire	2,314	0	451	1,863
Rhode Island	4,258	0	1,126	3,132
Vermont	935	0	257	678
Middle Atlantic	**145,686**	**643**	**16,706**	**128,337**
New Jersey	33,876	0	421	33,455
New York	49,580	350	1,639	47,591
Pennsylvania	62,229	293	14,646	47,290
East North Central	**286,647**	**2,045**	**34,602**	**250,000**
Illinois	66,451	10	5,450	60,991
Indiana	48,668	741	8,386	39,541
Michigan	61,465	154	5,394	55,917
Ohio	60,071	1,141	2,612	56,318
Wisconsin	49,993	0	12,760	37,233
West North Central	**116,517**	**254**	**14,228**	**102,035**
Iowa	17,777	0	244	17,533
Kansas	24,110	202	2,137	21,770
Minnesota	17,111	0	1,188	15,923
Missouri	28,460	5	1,543	26,912
Nebraska	15,280	47	2,812	12,422
North Dakota	3,142	0	150	2,992
South Dakota	10,637	0	6,154	4,483
South Atlantic	**177,093**	**653**	**10,366**	**166,074**
Delaware	2,818	0	9	2,809
District of Columbia	1,190	0	0	1,190
Florida	27,049	0	462	26,587
Georgia	45,617	0	2,552	43,065
Maryland	14,849	0	574	14,275
North Carolina	29,250	0	871	28,379
South Carolina	19,468	0	743	18,725
Virginia	25,624	141	4,880	20,602
West Virginia	11,228	512	275	10,441
East South Central	**150,229**	**2,551**	**50,290**	**97,389**
Alabama	57,389	1,849	25,882	29,659
Kentucky	21,677	487	4,625	16,565
Mississippi	23,647	215	8,773	14,659
Tennessee	47,516	0	11,010	36,506
West South Central	**291,321**	**11,479**	**115,962**	**163,880**
Arkansas	21,669	517	1,188	19,964
Louisiana	52,042	3,915	23,218	24,909
Oklahoma	36,983	1,119	10,764	25,100
Texas	180,626	5,929	80,792	93,906
Mountain	**164,416**	**830**	**46,565**	**117,021**
Arizona	24,497	0	645	23,852
Colorado	50,242	407	15,689	34,147
Idaho	8,267	0	322	7,945
Montana	9,055	58	2,284	6,713
Nevada	10,629	0	893	9,736
New Mexico	16,698	249	3,173	13,276
Utah	16,496	5	42	16,450
Wyoming	28,531	111	23,518	4,901
Pacific	**161,344**	**281**	**16,583**	**144,479**
Alaska	4,150	50	1,143	2,957
California	116,948	231	12,674	104,043
Hawaii	636	0	23	613
Oregon	15,976	0	687	15,289
Washington	23,634	0	2,057	21,577

[a] Includes field and gathering, transmission and distribution main but excludes service pipe and underground storage.
[b] Data not adjusted to common diameter equivalent. Mileage shown as of end of year.
[c] Transmission data is reported under state of company headquarters reporting if reporting for multiple states within a single DOT report

TABLE 5-4
MILES OF MAIN BY MATERIAL BY STATE
2010

Division and States	Steel Unprotected		Steel Cathodically Protected		Plastic	Cast Wrought Iron	Ductile Iron	Copper	Other	Total Miles of Main All Material
	Bare	Coated	Bare	Coated						
UNITED STATES	**49,639**	**16,205**	**17,303**	**465,832**	**619,360**	**34,462**	**784**	**31**	**816**	**1,204,432**
New England	**2,481**	**1,538**	**541**	**10,287**	**13,720**	**6,619**	**31**	**0**	**2**	**35,218**
Connecticut	208	58	0	3,254	2,593	1,542	12	0	0	7,666
Maine	2	15	0	144	521	62	0	0	2	748
Massachusetts	1,839	1,241	541	5,369	8,150	3,990	2	0	0	21,133
New Hampshire	40	23	0	730	922	147	0	0	0	1,863
Rhode Island	391	201	0	601	1,044	878	17	0	0	3,132
Vermont	0	0	0	189	489	0	0	0	0	678
Middle Atlantic	**16,859**	**3,608**	**948**	**37,776**	**55,836**	**13,039**	**230**	**5**	**35**	**128,337**
New Jersey	1,799	831	104	10,629	14,841	5,215	31	2	3	33,455
New York	7,051	1,430	420	13,865	20,164	4,640	5	0	17	47,591
Pennsylvania	8,009	1,347	425	13,282	20,832	3,184	194	3	15	47,290
East North Central	**9,594**	**5,030**	**1,222**	**110,917**	**116,232**	**6,168**	**316**	**7**	**513**	**250,000**
Illinois	170	11	205	39,559	18,885	1,873	288	0	0	60,991
Indiana	872	174	55	17,140	20,950	333	18	0	0	39,541
Michigan	622	2,070	652	20,719	28,662	3,180	3	2	7	55,917
Ohio	7,930	2,776	310	20,540	23,518	783	7	2	452	56,318
Wisconsin	0	0	0	12,959	24,217	0	0	3	54	37,233
West North Central	**1,118**	**330**	**5,383**	**38,975**	**54,268**	**1,941**	**17**	**1**	**1**	**102,035**
Iowa	81	130	163	7,623	9,517	19	0	0	0	17,533
Kansas	787	1	2,879	7,167	10,800	129	6	0	0	21,770
Minnesota	77	195	31	3,217	12,388	14	0	0	0	15,923
Missouri	8	0	1,351	11,799	12,547	1,205	0	1	0	26,912
Nebraska	157	2	920	6,257	4,524	551	10	0	1	12,422
North Dakota	0	0	8	1,162	1,822	0	0	0	0	2,992
South Dakota	8	2	31	1,748	2,671	22	1	0	0	4,483
South Atlantic	**5,402**	**1,534**	**2,074**	**59,140**	**94,847**	**2,897**	**131**	**16**	**34**	**166,074**
Delaware	23	27	6	621	2,029	104	0	0	0	2,809
District of Columbia	29	77	0	306	350	428	0	0	0	1,190
Florida	1,274	500	1,144	10,248	13,111	297	0	0	13	26,587
Georgia	235	0	103	17,163	25,509	55	0	0	0	43,065
Maryland	379	180	1	5,241	7,032	1,441	2	0	0	14,275
North Carolina	0	0	0	10,749	17,629	0	0	0	0	28,379
South Carolina	0	0	10	7,929	10,786	0	0	0	0	18,725
Virginia	429	584	310	5,695	12,882	558	129	16	1	20,602
West Virginia	3,033	166	499	1,188	5,520	14	0	0	20	10,441
East South Central	**1,181**	**672**	**2,754**	**40,650**	**50,186**	**1,840**	**60**	**2**	**44**	**97,389**
Alabama	344	579	792	12,037	14,326	1,532	7	0	42	29,659
Kentucky	751	78	305	7,321	8,010	96	0	2	2	16,565
Mississippi	0	14	568	7,744	6,274	37	23	0	0	14,659
Tennessee	86	1	1,089	13,549	21,576	175	30	0	0	36,506
West South Central	**6,748**	**336**	**3,435**	**69,341**	**82,250**	**1,736**	**0**	**0**	**33**	**163,880**
Arkansas	817	26	728	7,328	10,878	187	0	0	0	19,964
Louisiana	17	58	1,130	13,522	9,635	547	0	0	0	24,909
Oklahoma	1,512	63	575	9,286	13,665	0	0	0	0	25,100
Texas	4,402	189	1,002	39,206	48,072	1,002	0	0	33	93,906
Mountain	**267**	**643**	**890**	**37,632**	**77,370**	**67**	**0**	**0**	**153**	**117,021**
Arizona	0	0	555	6,984	16,313	0	0	0	0	23,852
Colorado	206	625	86	12,225	20,790	67	0	0	148	34,147
Idaho	0	0	0	2,870	5,075	0	0	0	0	7,945
Montana	13	0	7	2,304	4,389	0	0	0	0	6,713
Nevada	0	1	28	1,394	8,313	0	0	0	0	9,736
New Mexico	0	15	144	5,547	7,570	0	0	0	0	13,276
Utah	3	1	15	3,902	12,529	0	0	0	0	16,450
Wyoming	44	1	56	2,406	2,390	0	0	0	5	4,901
Pacific	**5,988**	**2,514**	**55**	**61,114**	**74,651**	**155**	**0**	**0**	**0**	**144,479**
Alaska	8	0	3	568	2,378	0	0	0	0	2,957
California	5,785	2,496	22	43,912	51,702	125	0	0	0	104,043
Hawaii	135	0	0	163	315	0	0	0	0	613
Oregon	21	0	1	7,901	7,366	0	0	0	0	15,289
Washington	40	18	29	8,570	12,890	30	0	0	0	21,577

Miles of Main by Material and Diameter are available by Company to AGA Members companies through the eGus Data System. (www.aga.org/eGus).

Chart 5 - 1
2010 U.S. Miles of Main By Material

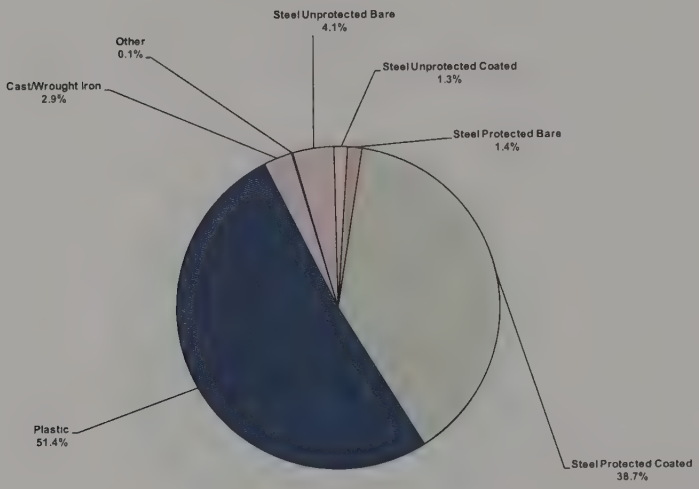
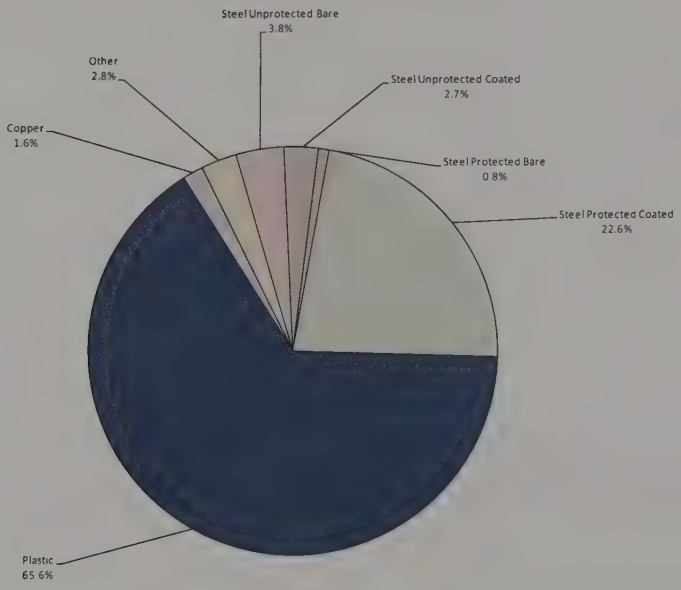


TABLE 5-5
NUMBER OF SERVICES BY MATERIAL BY STATE
2010

Division and States	Steel Unprotected		Steel Cathodically Protected		Plastic	Cast Wrought Iron	Ductile Iron	Copper	Other	Total Number of Services All Material
	Bare	Coated	Bare	Coated						
UNITED STATES	**2,454,218**	**1,758,404**	**541,603**	**14,671,108**	**42,646,025**	**20,232**	**728**	**1,058,493**	**1,816,875**	**64,967,686**
New England	**320,141**	**90,579**	**18,468**	**246,956**	**1,180,995**	**2,190**	**1**	**13,489**	**115,409**	**1,988,228**
Connecticut	63,807	10,117	0	67,124	263,384	37	0	1,355	6,808	412,632
Maine	265	265	1	261	20,210	69	1	2	82	21,156
Massachusetts	200,732	66,115	18,465	148,749	692,751	1,827	0	11,675	105,536	1,245,850
New Hampshire	7,530	2,089	2	14,687	60,926	95	0	286	1,635	87,250
Rhode Island	47,807	11,993	0	11,206	115,718	162	0	171	1,348	188,405
Vermont	0	0	0	4,929	28,006	0	0	0	0	32,935
Middle Atlantic	**1,040,764**	**282,532**	**16,126**	**973,439**	**5,525,659**	**9,226**	**351**	**277,873**	**23,131**	**8,149,101**
New Jersey	314,535	13,094	221	405,703	1,474,345	0	0	68,747	0	2,276,645
New York	378,642	161,827	13,169	294,124	2,049,660	9,223	351	184,782	16,194	3,107,972
Pennsylvania	347,587	107,611	2,736	273,612	2,001,654	3	0	24,344	6,937	2,764,484
East North Central	**257,984**	**242,079**	**45,102**	**2,738,741**	**8,802,596**	**133**	**366**	**541,733**	**1,432,146**	**14,060,880**
Illinois	18,198	754	12,953	862,488	2,027,458	78	366	80,477	745,526	3,748,298
Indiana	3,602	25,101	2,836	486,537	1,445,296	0	0	486	289	1,964,147
Michigan	41,954	178,077	19,431	536,198	2,070,354	29	0	321,309	44,158	3,211,510
Ohio	194,230	38,147	9,882	546,369	1,986,501	26	0	116,989	642,170	3,534,314
Wisconsin	0	0	0	307,149	1,272,987	0	0	22,472	3	1,602,611
West North Central	**123,842**	**42,609**	**62,530**	**987,882**	**3,595,860**	**7**	**0**	**80,874**	**92,153**	**4,985,757**
Iowa	2,353	10,170	10,736	283,445	592,178	7	0	494	24,694	924,077
Kansas	95,706	7,584	47,233	96,023	698,593	0	0	306	[illegible]	945,445
Minnesota	3,582	8,557	449	85,764	601,149	0	0	1,731	0	701,232
Missouri	15,420	14,901	622	230,536	1,178,245	0	0	69,879	74	1,509,677
Nebraska	6,161	221	1,526	200,704	284,951	0	0	8,374	65,500	567,437
North Dakota	0	0	77	42,921	102,792	0	0	4	[illegible]	145,794
South Dakota	620	1,176	1,887	48,489	137,952	0	0	86	1,885	192,095
South Atlantic	**292,897**	**104,782**	**26,039**	**1,485,744**	**5,724,575**	**[illegible]31**	**10**	**99,201**	**29,749**	**7,763,628**
Delaware	991	15,147	0	17,485	125,754	0	0	5,398	1,551	166,326
District of Columbia	7,375	14,182	0	5,305	84,198	0	0	11,672	0	122,732
Florida	41,804	15,425	14,164	192,335	551,276	2	0	620	20,885	836,511
Georgia	41,498	8,015	6,853	437,586	1,510,959	2	0	25	[illegible]	2,004,938
Maryland	99,738	13,459	2	148,530	679,580	3	0	53,033	34	994,379
North Carolina	0	0	0	283,005	1,059,872	0	0	0	52	1,342,929
South Carolina	49	0	420	177,095	507,311	0	0	0	0	684,875
Virginia	21,474	36,831	16	157,677	939,521	624	10	28,396	7,219	1,191,768
West Virginia	79,968	1,723	4,584	66,726	266,104	0	0	57	8	419,170
East South Central	**76,301**	**7,491**	**152,703**	**1,160,503**	**2,321,267**	**5,213**	**0**	**12,187**	**5,438**	**3,741,103**
Alabama	54,412	3,210	111,582	251,442	625,319	2,174	0	1,159	4,526	1,053,824
Kentucky	19,746	1,547	13,850	238,959	534,846	3,038	0	8,278	912	821,176
Mississippi	0	558	5,683	286,075	286,212	1	0	188	0	578,717
Tennessee	2,143	2,176	21,588	384,027	874,890	0	0	2,562	0	1,287,386
West South Central	**283,271**	**94,278**	**133,959**	**2,841,094**	**4,345,260**	**2,832**	**0**	**8,634**	**65,280**	**7,774,608**
Arkansas	17,689	27,522	16,521	231,365	382,789	0	0	0	4	675,890
Louisiana	5,994	41,728	27,177	582,666	420,810	2,776	0	2,089	554	1,083,794
Oklahoma	44,014	3,044	19,542	448,900	737,407	0	0	1	34	1,252,942
Texas	215,574	21,984	70,719	1,578,163	2,804,254	56	0	6,544	64,688	4,761,982
Mountain	**17,161**	**364**	**81,432**	**1,343,125**	**4,247,603**	**0**	**0**	**0**	**45,031**	**5,734,716**
Arizona	0	1	13,597	199,882	1,037,268	0	0	0	0	1,250,748
Colorado	13,848	0	3,639	492,505	950,064	0	0	0	44,533	1,504,589
Idaho	0	0	0	94,868	307,541	0	0	0	187	402,596
Montana	622	0	178	113,617	174,590	0	0	0	0	289,007
Nevada	0	0	11	41,629	688,349	0	0	0	311	730,300
New Mexico	0	363	63,474	181,505	366,637	0	0	0	0	611,979
Utah	1	0	0	142,790	629,626	0	0	0	0	772,417
Wyoming	2,690	0	533	76,329	93,528	0	0	0	0	173,080
Pacific	**41,857**	**893,690**	**5,244**	**2,893,624**	**6,902,210**	**0**	**0**	**24,502**	**8,538**	**10,769,665**
Alaska	0	36	44	14,373	100,253	0	0	1,981	0	116,687
California	17,049	893,312	2,316	2,305,734	5,381,185	0	0	22,440	343	8,622,379
Hawaii	8,089	0	0	5,809	18,981	0	0	41	2,860	35,780
Oregon	52	0	115	242,529	508,503	0	0	0	4,813	756,012
Washington	16,667	342	2,769	325,179	893,288	0	0	40	522	1,238,807

Number of Services by Material and Diameter are available by Company to AGA Members companies through the eGus Data System. (www.aga.org/eGus).

Chart 5 - 2
2010 U.S. Number of Services By Material



SECTION 6
ENERGY CONSUMPTION

	2010	% Change 2010/2009
GAS INDUSTRY DELIVERIES (Trillion Btu)	**21,770.8**	**+ 4.5**
Residential	4,940.5	+ 0.4
Commercial	3,200.9	- 0.4
Industrial	13,607.7	+ 7.3
Industrial Only	6,726.0	+ 5.9
Electric Generation	6,881.7	+ 8.8
Other	21.6	+ 6.9

NOTE: Total natural gas consumption includes natur al gas deliveries to all end-users b y all segments of the industr y (producers, gatherers, pipelines and local distribution companies) and includes pipelin e fuel and lease and plant fuel. For reporting purposes in *Gas Facts*, deliveries to end-users include sales and transportation volumes. Utility sales volumes include only system sales. Transportation volumes comprise gas owned by the end-user and delivered to them by local distribution companies or pipeline companies.

Chart 6-1

ANNUAL NATURAL GAS SALES BY CLASS OF SERVICE

(Quadrillion Btu)

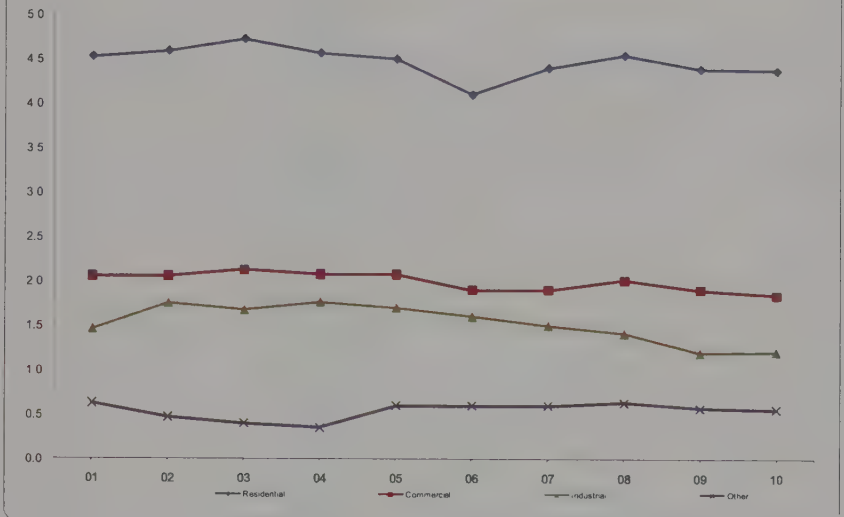


TABLE 6-1
GAS INDUSTRY SALES BY CLASS OF SERVICE
1996-2010
(Trillion Btu)

Year	TOTAL	Residential	Commercial	Industrial	Electric Generation	Other
1996	10,242.0	5,332.5	2,517.8	1,747.5	641.4	2.8
1997	9,721.9	5,055.7	2,341.1	1,592.9	728.2	4.1
1998	8,781.4	4,534.4	2,063.4	1,369.6	809.6	4.5
1999	8,975.4	4,621.8	2,067.0	1,552.8	728.7	5.0
2000	9,232.0	4,741.4	2,077.2	1,698.4	708.9	6.2
2001	8,666.7	4,525.2	2,053.4	1,460.7	619.8	7.6
2002	8,864.0	4,588.9	2,055.4	1,747.9	459.0	12.7
2003	8,927.1	4,721.7	2,124.7	1,672.3	397.0	11.4
2004	8,766.2	4,565.5	2,075.1	1,762.8	350.9	11.9
2005	8,847.5	4,515.5	2,055.8	1,653.9	610.2	12.1
2006	8,222.2	4,117.1	1,861.3	1,576.0	606.3	61.5
2007	8,565.1	4,417.8	1,943.1	1,522.2	625.5	56.5
2008	8,594.2	4,540.8	2,008.5	1,409.7	613.8	21.4
2009	8,050.4	4,386.9	1,900.5	1,193.0	551.4	18.6
2010	7,980.3	4,370.7	1,842.3	1,209.2	538.7	19.3

TABLE 6-2
RESIDENTIAL NATURAL GAS CONSUMPTION
1996-2010
(Trillion Btu)

	Utility Delivery				
Year	Sales	Transp.	TOTAL	Other Delivery	Total Residential Consumption
1996	5,163.9	50.5	5,214.4	168.6	5,382.9
1997	4,907.6	62.7	4,970.3	148.1	5,118.3
1998	4,403.0	107.8	4,510.9	131.5	4,642.3
1999	4,594.1	231.2	4,825.3	27.8	4,853.1
2000	4,726.7	384.9	5,111.6	14.6	5,126.2
2001	4,416.6	380.0	4,796.5	108.6	4,905.1
2002	4,559.7	432.9	4,992.6	29.2	5,021.8
2003	4,602.2	480.8	5,083.0	119.5	5,202.5
2004	4,438.6	448.7	4,887.3	119.6	5,006.9
2005	4,368.3	430.0	4,798.4	147.3	4,945.6
2006	4,008.6	391.1	4,399.7	108.4	4,508.2
2007	4,408.8	450.4	4,859.3	9.0	4,868.3
2008	4,523.4	487.2	5,010.6	17.4	5,028.0
2009	4,376.7	534.9	4,911.6	10.3	4,921.8
2010	4,360.2	569.6	4,929.8	10.7	4,940.5

NOTE: For reporting purposes, Utility Delivery includes system sales volumes and transportation volumes by investor-owned and municipally-owned distribution companies. Other Delivery includes sales and transportation volumes delivered to end-users by all others (pipelines, storage operators, etc.).

TABLE 6-3
COMMERCIAL NATURAL GAS CONSUMPTION
1996-2010
(Trillion Btu)

Year	Utility Delivery			Other Delivery	Total Commercial Consumption
	Sales	Transp.	TOTAL		
1996	2,390.7	697.7	3,088.3	155.2	3,243.5
1997	2,222.1	877.8	3,099.8	205.7	3,305.5
1998	1,946.1	980.4	2,926.5	153.9	3,080.4
1999	2,014.2	1,033.1	3,047.3	79.4	3,126.7
2000	2,049.4	1,196.6	3,246.0	58.4	3,304.4
2001	1,989.8	1,033.0	3,022.8	96.6	3,119.5
2002	2,022.1	1,121.1	3,143.2	43.8	3,187.1
2003	2,048.7	1,110.6	3,159.2	140.5	3,299.7
2004	1,995.1	1,101.2	3,096.3	139.6	3,235.9
2005	1,979.5	1,096.0	3,075.5	116.8	3,192.4
2006	1,802.3	1,030.6	2,832.9	92.6	2,925.5
2007	1,933.4	1,155.0	3,088.4	25.3	3,113.7
2008	1,995.4	1,212.7	3,208.2	28.1	3,236.2
2009	1,888.0	1,295.3	3,183.3	29.1	3,212.4
2010	1,822.8	1,292.0	3,114.8	44.8	3,159.6

NOTE: For reporting purposes, Utility Delivery includes system sales volumes and transportation volumes by investor-owned and municipally-owned distribution companies. Other Delivery includes sales and transportation volumes delivered to end-users by all others (pipelines, storage operators, etc.).

TABLE 6-4
INDUSTRIAL NATURAL GAS CONSUMPTION
1996-2010
(Trillion Btu)

Year	Utility Delivery			Other Delivery	Total Industrial Consumption
	Sales	Transp.	TOTAL		
1996	1,099.5	3,617.8	4,717.3	3,945.8	8,663.1
1997	1,030.0	3,694.0	4,724.0	4,027.2	8,751.2
1998	885.6	3,752.6	4,638.2	3,896.3	8,534.5
1999	934.7	3,767.7	4,702.4	3,592.0	8,294.4
2000	893.0	3,811.2	4,704.2	3,770.0	8,474.2
2001	794.4	3,278.5	4,073.0	3,488.9	7,561.9
2002	784.0	3,421.4	4,205.4	3,555.2	7,760.6
2003	764.6	3,147.6	3,912.2	3,418.1	7,330.4
2004	714.2	3,291.2	4,005.4	3,462.7	7,468.2
2005	709.8	3,134.6	3,844.4	3,094.8	6,939.2
2006	695.7	3,099.1	3,794.8	2,907.6	6,702.4
2007	660.6	3,274.0	3,934.7	2,902.2	6,836.8
2008	593.2	5,341.2	3,934.4	2,928.7	6,863.1
2009	501.3	3,012.0	3,513.3	2,839.0	6,352.2
2010	491.2	3,249.7	3,740.9	2,985.2	6,726.0

NOTE: For reporting purposes, Utility Delivery includes system sales volumes and transportation volumes by investor-owned and municipally-owned distribution companies. Other Delivery includes sales and transportation volumes delivered to end-users by all others (pipelines, storage operators, etc.).

TABLE 6-5
ELECTRIC GENERATION NATURAL GAS CONSUMPTION
1996-2010
(Trillion Btu)

Year	Utility Delivery		TOTAL	Other Delivery	Total Electric Generation Consumption
	Sales	Transp.			
1996	295.6	584.1	879.7	1,683.7	2,563.4
1997	391.6	893.2	1,284.7	1,739.9	3,024.6
1998	445.9	1,004.4	1,450.3	1,938.1	3,388.4
1999	344.9	1,273.4	1,618.4	2,194.9	3,813.3
2000	252.1	1,708.2	1,960.3	2,037.1	3,997.5
2001	265.2	1,789.9	2,055.1	2,449.0	4,504.1
2002	236.7	1,635.2	1,872.0	2,949.3	4,821.3
2003	223.5	1,289.3	1,512.7	2,905.1	4,417.8
2004	228.5	1,123.5	1,352.0	2,950.1	4,302.1
2005	248.1	1,155.9	1,404.0	3,736.1	5,140.1
2006	220.3	1,330.7	1,551.0	3,988.8	5,539.8
2007	250.6	1,505.2	1,755.8	4,440.1	6,196.0
2008	227.7	1,521.2	1,748.9	4,434.6	6,183.5
2009	197.9	1,526.6	1,760.4	4,563.6	6,324.0
2010	170.9	1,833.4	2,004.3	4,877.5	6,881.7

NOTE: For reporting purposes, Utility Delivery includes system sales volumes and transportation volumes by investor-owned and municipally-owned distribution companies. Other Delivery includes sales and transportation volumes delivered to end-users by all others (pipelines, storage operators, etc.).

TABLE 6-6
RESIDENTIAL NATURAL GAS CONSUMPTION BY STATE – 2010
(Trillion Btu)

Division and State	Utility Delivery			Other Delivery	Total Residential Consumption
	Sales	Transp.	TOTAL		
UNITED STATES	**4,360.16**	**569.64**	**4,929.80**	**10.72**	**4,940.51**
New England	**182.50**	**20.11**	**202.60**	**0.00**	**202.60**
Connecticut	42.90	1.19	44.10	0.00	44.10
Maine	1.27	0.00	1.27	0.00	1.27
Massachusetts	110.71	18.91	129.62	0.00	129.62
New Hampshire	6.95	0.00	6.95	0.00	6.95
Rhode Island	17.48	0.00	17.48	0.00	17.48
Vermont	3.18	0.00	3.18	0.00	3.18
Middle Atlantic	**724.27**	**130.30**	**854.57**	**5.37**	**859.94**
New Jersey	218.39	7.76	226.15	0.00	226.15
New York	300.56	102.32	402.88	0.11	402.99
Pennsylvania	205.32	20.22	225.53	5.26	230.80
East North Central	**1,053.27**	**250.32**	**1,303.59**	**3.18**	**1,306.78**
Illinois	377.73	51.80	429.52	0.38	429.90
Indiana	134.09	8.36	142.45	0.00	142.45
Michigan	288.24	25.32	313.57	0.50	314.07
Ohio	125.64	164.84	290.48	2.30	292.78
Wisconsin	127.57	0.00	127.57	0.00	127.57
West North Central	**444.10**	**5.23**	**449.32**	**0.07**	**449.40**
Iowa	70.54	0.00	70.54	0.04	70.58
Kansas	75.54	0.00	75.54	0.00	75.55
Minnesota	126.90	0.00	126.90	0.03	126.93
Missouri	110.83	0.00	110.83	0.00	110.83
Nebraska	36.19	5.23	41.42	0.00	41.42
North Dakota	10.87	0.00	10.87	0.00	10.87
South Dakota	13.23	0.00	13.23	0.00	13.23
South Atlantic	**351.85**	**150.59**	**502.44**	**0.08**	**502.52**
Delaware	10.45	0.00	10.45	0.00	10.45
District of Columbia	10.61	3.44	14.04	0.00	14.04
Florida	18.93	0.41	19.34	0.01	19.34
Georgia	20.47	122.64	143.11	0.00	143.11
Maryland	70.71	15.80	86.51	0.00	86.51
North Carolina	76.90	0.00	76.90	0.00	76.90
South Carolina	33.29	0.00	33.29	0.00	33.29
Virginia	82.67	8.31	90.98	0.00	90.98
West Virginia	27.81	0.00	27.81	0.08	27.89
East South Central	**201.30**	**2.43**	**203.74**	**0.13**	**203.87**
Alabama	43.02	0.00	43.02	0.00	43.02
Kentucky	53.69	2.43	56.12	0.01	56.13
Mississippi	27.90	0.00	27.90	0.12	28.02
Tennessee	76.69	0.00	76.69	0.01	76.69
West South Central	**384.25**	**0.00**	**384.25**	**1.21**	**385.46**
Arkansas	37.39	0.00	37.39	0.01	37.40
Louisiana	46.92	0.00	46.92	0.00	46.92
Oklahoma	67.28	0.00	67.28	0.24	67.51
Texas	232.67	0.00	232.67	0.96	233.63
Mountain	**375.62**	**3.33**	**378.94**	**0.34**	**379.28**
Arizona	39.02	0.00	39.02	0.00	39.02
Colorado	135.40	0.02	135.42	0.00	135.42
Idaho	24.74	0.00	24.74	0.00	24.74
Montana	21.38	0.03	21.41	0.14	21.54
Nevada	40.64	0.00	40.64	0.00	40.64
New Mexico	36.38	0.00	36.38	0.00	36.38
Utah	68.20	0.00	68.20	0.00	68.20
Wyoming	9.85	3.27	13.13	0.20	13.33
Pacific	**643.00**	**7.34**	**650.34**	**0.32**	**650.66**
Alaska	19.09	0.00	19.09	0.23	19.31
California	503.29	7.34	510.63	0.10	510.73
Hawaii	0.53	0.00	0.53	0.00	0.53
Oregon	42.13	0.00	42.13	0.00	42.13
Washington	77.97	0.00	77.97	0.00	77.97

TABLE 6-7
COMMERCIAL NATURAL GAS CONSUMPTION BY STATE – 2010
(Trillion Btu)

Division and State	Utility Delivery			Other Delivery	Total Commercial Consumption
	Sales	Transp.	TOTAL		
UNITED STATES	**1,822.81**	**1,291.97**	**3,114.77**	**44.81**	**3,159.59**
New England	**82.47**	**58.98**	**141.45**	**0.00**	**141.45**
Connecticut	27.44	14.07	41.51	0.00	41.51
Maine	2.71	3.20	5.91	0.00	5.91
Massachusetts	38.29	34.06	72.34	0.00	72.34
New Hampshire	4.97	3.59	8.56	0.00	8.56
Rhode Island	6.60	4.06	10.66	0.00	10.66
Vermont	2.46	0.00	2.46	0.00	2.46
Middle Atlantic	**248.85**	**365.96**	**614.82**	**3.53**	**618.34**
New Jersey	67.58	116.00	183.58	0.00	183.58
New York	110.21	180.51	290.72	0.09	290.81
Pennsylvania	71.06	69.45	140.52	3.44	143.96
East North Central	**326.10**	**341.84**	**667.94**	**6.39**	**674.33**
Illinois	86.09	110.80	196.90	3.67	200.56
Indiana	56.35	20.68	77.03	0.00	77.03
Michigan	87.58	66.68	154.27	0.82	155.09
Ohio	31.46	124.08	155.54	1.90	157.44
Wisconsin	64.61	19.59	84.21	0.00	84.21
West North Central	**234.79**	**60.79**	**295.58**	**1.21**	**296.79**
Iowa	38.38	14.49	52.87	0.01	52.87
Kansas	22.59	10.22	32.81	1.08	33.89
Minnesota	86.36	6.22	92.58	0.06	92.64
Missouri	48.31	14.37	62.68	0.02	62.69
Nebraska	20.11	12.62	32.73	0.05	32.77
North Dakota	9.84	0.76	10.61	0.00	10.61
South Dakota	9.21	2.10	11.31	0.00	11.31
South Atlantic	**188.56**	**201.27**	**389.83**	**2.67**	**392.50**
Delaware	6.27	5.21	11.48	0.94	12.42
District of Columbia	3.14	15.51	18.64	0.00	18.64
Florida	22.45	31.81	54.26	0.52	54.78
Georgia	11.35	49.16	60.51	0.00	60.51
Maryland	20.18	46.97	67.15	1.06	68.21
North Carolina	49.20	8.55	57.75	0.00	57.75
South Carolina	22.98	1.70	24.68	0.04	24.73
Virginia	39.97	30.18	70.15	0.00	70.15
West Virginia	13.02	12.20	25.22	0.10	25.31
East South Central	**124.70**	**18.97**	**143.67**	**0.94**	**144.61**
Alabama	21.70	5.49	27.19	0.00	27.19
Kentucky	30.60	6.79	37.39	0.39	37.78
Mississippi	19.73	1.54	21.27	0.53	21.81
Tennessee	52.67	5.14	57.82	0.01	57.83
West South Central	**203.60**	**73.89**	**277.49**	**27.55**	**305.04**
Arkansas	23.09	17.86	40.95	0.00	40.95
Louisiana	23.33	1.47	24.81	2.32	27.13
Oklahoma	20.40	21.89	42.29	0.20	42.49
Texas	136.79	32.66	169.44	25.03	194.47
Mountain	**186.65**	**47.95**	**234.60**	**0.55**	**235.15**
Arizona	29.25	3.61	32.85	0.00	32.85
Colorado	56.28	3.10	59.39	0.00	59.39
Idaho	12.71	2.71	15.43	0.00	15.43
Montana	11.41	9.28	20.69	0.13	20.82
Nevada	19.89	10.20	30.09	0.00	30.09
New Mexico	15.77	9.87	25.64	0.00	25.64
Utah	34.21	5.31	39.52	0.00	39.52
Wyoming	7.12	3.87	10.99	0.41	11.40
Pacific	**227.08**	**122.31**	**349.40**	**1.98**	**351.38**
Alaska	12.97	1.95	14.93	1.44	16.37
California	138.38	113.38	251.77	0.54	252.30
Hawaii	1.83	0.00	1.83	0.00	1.83
Oregon	27.39	0.71	28.10	0.00	28.10
Washington	46.50	6.27	52.78	0.00	52.78

TABLE 6-8
INDUSTRIAL NATURAL GAS CONSUMPTION BY STATE – 2010
(Trillion Btu)

Division and State	Utility Delivery			Other Delivery	Total Industrial Consumption
	Sales	Transp.	TOTAL		
UNITED STATES	**491.16**	**3,249.69**	**3,740.85**	**2,985.18**	**6,726.04**
New England	**20.17**	**95.24**	**115.40**	**0.63**	**116.04**
Connecticut	7.75	17.14	24.89	0.00	24.89
Maine	0.18	29.09	29.27	0.00	29.27
Massachusetts	8.59	35.15	43.73	0.63	44.37
New Hampshire	0.79	5.42	6.21	0.00	6.21
Rhode Island	0.54	7.75	8.29	0.00	8.29
Vermont	2.32	0.69	3.00	0.00	3.00
Middle Atlantic	**17.74**	**272.98**	**290.73**	**23.38**	**314.11**
New Jersey	4.18	45.63	49.81	0.00	49.81
New York	7.52	68.62	76.14	1.75	77.89
Pennsylvania	6.04	158.73	164.78	21.64	186.41
East North Central	**74.24**	**891.38**	**965.61**	**139.15**	**1,104.77**
Illinois	19.71	193.67	213.38	54.46	267.84
Indiana	16.11	264.41	280.53	6.50	287.02
Michigan	12.99	118.51	131.50	16.44	147.94
Ohio	3.62	211.84	215.47	61.20	276.67
Wisconsin	21.80	102.95	124.75	0.55	125.29
West North Central	**77.43**	**360.26**	**437.69**	**231.43**	**669.11**
Iowa	10.03	94.56	104.59	68.18	172.77
Kansas	6.27	66.69	72.95	38.97	111.92
Minnesota	33.49	79.95	113.44	50.09	163.53
Missouri	8.86	43.62	52.48	15.17	67.65
Nebraska	7.23	40.32	47.55	40.19	87.75
North Dakota	7.29	7.40	14.69	9.84	24.52
South Dakota	4.26	27.72	31.98	8.99	40.97
South Atlantic	**87.92**	**294.38**	**382.30**	**141.97**	**524.27**
Delaware	0.44	3.61	4.05	4.19	8.24
District of Columbia	0.00	0.00	0.00	0.00	0.00
Florida	2.38	41.13	43.51	35.46	78.97
Georgia	27.47	78.89	106.37	44.89	151.26
Maryland	1.27	21.80	23.07	0.78	23.85
North Carolina	11.08	84.20	95.27	0.00	95.27
South Carolina	34.98	13.10	48.08	27.51	75.59
Virginia	9.82	34.63	44.44	19.79	64.23
West Virginia	0.48	17.02	17.51	9.35	26.86
East South Central	**95.71**	**226.97**	**322.67**	**135.48**	**458.15**
Alabama	34.88	74.54	109.42	37.64	147.05
Kentucky	17.70	72.87	90.57	14.17	104.74
Mississippi	9.60	26.12	35.72	76.58	112.30
Tennessee	33.53	53.44	86.97	7.08	94.05
West South Central	**43.36**	**291.69**	**335.05**	**2,057.36**	**2,392.41**
Arkansas	2.41	20.07	22.48	63.24	85.72
Louisiana	23.78	17.33	41.11	848.24	889.35
Oklahoma	1.03	102.33	103.36	88.41	191.77
Texas	16.14	151.96	168.10	1,057.46	1,225.57
Mountain	**20.49**	**213.41**	**233.90**	**49.10**	**283.00**
Arizona	5.02	7.62	12.65	7.21	19.86
Colorado	6.17	105.88	112.04	5.84	117.88
Idaho	0.44	24.52	24.96	0.00	24.97
Montana	0.28	14.13	14.41	4.66	19.07
Nevada	1.98	8.81	10.78	0.29	11.07
New Mexico	2.15	13.52	15.67	1.65	17.32
Utah	4.02	27.00	31.02	2.09	33.11
Wyoming	0.43	11.93	12.36	27.36	39.73
Pacific	**54.11**	**603.38**	**657.49**	**206.69**	**864.18**
Alaska	4.66	1.95	6.61	0.00	6.61
California	33.19	497.32	530.51	195.54	726.05
Hawaii	0.35	0.00	0.35	0.00	0.35
Oregon	9.83	44.71	54.54	3.07	57.61
Washington	6.08	59.40	65.48	8.08	73.56

TABLE 6-9
ELECTRIC GENERATION NATURAL GAS CONSUMPTION BY STATE – 2010
(Trillion Btu)

Division and State	Utility Delivery			Other Delivery	Total Elect. Gen. Consumption
	Sales	Transp.	TOTAL		
UNITED STATES	**170.88**	**1,833.39**	**2,004.27**	**4,877.45**	**6,881.71**
New England	**3.99**	**99.93**	**103.93**	**282.21**	**386.14**
Connecticut	3.64	49.29	52.92	87.54	140.46
Maine	0.00	25.50	25.50	0.00	25.50
Massachusetts	0.30	23.24	23.54	98.28	121.82
New Hampshire	0.00	1.91	1.91	39.76	41.67
Rhode Island	0.00	0.00	0.00	56.63	56.63
Vermont	0.05	0.00	0.05	0.00	0.05
Middle Atlantic	**25.49**	**480.59**	**506.08**	**219.25**	**725.34**
New Jersey	24.98	142.56	167.54	1.55	169.09
New York	0.35	296.95	297.30	179.59	476.89
Pennsylvania	0.16	41.08	41.24	38.12	79.36
East North Central	**9.62**	**127.97**	**137.59**	**166.74**	**304.33**
Illinois	0.46	11.52	11.98	59.82	71.80
Indiana	0.00	4.44	4.44	26.05	30.50
Michigan	0.06	77.61	77.67	39.49	117.17
Ohio	0.06	2.19	2.25	2.33	4.58
Wisconsin	9.05	32.20	41.25	39.04	80.29
West North Central	**10.83**	**31.88**	**42.71**	**63.75**	**106.46**
Iowa	2.02	4.80	6.82	0.48	7.31
Kansas	0.43	5.13	5.56	23.19	28.74
Minnesota	4.43	19.41	23.84	11.56	35.39
Missouri	2.71	1.13	3.84	25.69	29.53
Nebraska	1.22	1.41	2.63	1.22	3.86
North Dakota	0.00	0.00	0.00	0.00	0.00
South Dakota	0.02	0.00	0.02	1.61	1.63
South Atlantic	**5.43**	**294.90**	**300.33**	**1,218.11**	**1,518.43**
Delaware	0.00	23.90	23.90	1.24	25.14
District of Columbia	0.00	0.00	0.00	0.00	0.00
Florida	3.55	64.97	68.51	944.39	1,012.90
Georgia	0.03	2.42	2.45	105.66	108.11
Maryland	0.22	19.93	20.14	6.21	26.36
North Carolina	0.95	69.49	70.44	55.93	126.36
South Carolina	0.69	15.66	16.35	48.13	64.48
Virginia	0.00	98.54	98.54	55.96	154.49
West Virginia	0.00	0.00	0.00	0.59	0.59
East South Central	**0.64**	**50.43**	**51.07**	**403.11**	**454.18**
Alabama	0.13	50.18	50.30	203.75	254.06
Kentucky	0.51	0.17	0.68	19.87	20.55
Mississippi	0.00	0.00	0.00	163.67	163.67
Tennessee	0.00	0.08	0.08	15.81	15.90
West South Central	**64.29**	**86.14**	**150.43**	**1,803.25**	**1,953.68**
Arkansas	0.00	0.97	0.97	97.63	98.60
Louisiana	14.06	21.91	35.97	185.66	221.63
Oklahoma	0.00	0.72	0.72	303.08	303.80
Texas	50.23	62.54	112.77	1,216.88	1,329.65
Mountain	**33.36**	**115.43**	**148.79**	**437.08**	**585.87**
Arizona	2.80	13.44	16.24	168.25	184.50
Colorado	0.26	10.48	10.73	52.27	63.00
Idaho	0.00	0.00	0.00	12.07	12.07
Montana	0.13	0.75	0.88	0.23	1.11
Nevada	29.80	56.41	86.21	126.47	212.68
New Mexico	0.36	7.27	7.62	75.71	83.33
Utah	0.02	27.08	27.10	1.79	28.89
Wyoming	0.00	0.00	0.00	0.29	0.29
Pacific	**17.22**	**546.12**	**563.34**	**283.95**	**847.29**
Alaska	11.34	17.73	29.07	8.27	37.34
California	5.88	476.58	482.46	133.97	616.43
Hawaii	0.00	0.00	0.00	0.00	0.00
Oregon	0.00	23.65	23.65	92.41	116.06
Washington	0.00	28.17	28.17	49.30	77.46

TABLE 6-10
GAS INDUSTRY SALES BY CLASS OF SERVICE AND COMPANY TYPE
2004-2010
(Trillion Btu)

	2004	2005	2006	2007	2008	2009	2010
Investor-Owned							
TOTAL	**6,695**	**6,627**	**6,093**	**6,458**	**6,498**	**6,342**	**6,228**
Residential	4,150	4,086	3,757	4,066	4,154	4,128	4,094
Commercial	1,809	1,795	1,629	1,710	1,773	1,726	1,653
Industrial	544	546	534	477	392	340	326
Elect. Gen.	192	200	173	205	179	147	156
Municipal							
TOTAL	**681**	**678**	**634**	**796**	**648**	**622**	**617**
Residential	289	282	252	343	250	249	267
Commercial	186	185	174	223	172	162	170
Industrial	170	163	161	183	184	161	165
Elect. Gen.	36	48	47	46	42	51	15
Pipeline							
TOTAL	**1,135**	**1,251**	**1,219**	**1,205**	**1,139**	**1,025**	**1,070**
Residential	27	27	27	8	8	8	8
Commercial	24	18	19	8	6	9	16
Industrial	992	880	797	820	758	662	685
Elect. Gen.	92	326	376	369	367	346	360
Other							
TOTAL	**244**	**244**	**214**	**51**	**60**	**43**	**46**
Residential	100	120	81	1	9	2	2
Commercial	56	58	40	2	7	3	3
Industrial	57	64	83	41	35	30	33
Elect. Gen.	31	36	10	6	8	8	7

NOTE: Total sales by company type may not be directly comparable from year to year due to acquisitions and mergers.

TABLE 6-11
ANNUAL ENERGY CONSUMPTION IN THE UNITED STATES
1981-2010
(Trillion Btu)

Year	Natural Gas	Petroleum Products	Coal	Hydro Electric	Nuclear	Other[a]	TOTAL ENERGY
1981	19,928	31,931	15,908	2,758	3,008	2,811	76,344
1982	18,505	30,232	15,322	3,266	3,131	2,831	73,287
1983	17,357	30,054	15,894	3,527	3,203	3,111	73,146
1984	18,507	31,051	17,071	3,386	3,553	3,226	76,794
1985	17,703	30,925	17,478	2,970	4,076	3,214	76,366
1986	16,708	32,196	17,260	3,071	4,380	3,210	76,825
1987	17,744	32,865	18,008	2,635	4,754	3,217	79,223
1988	18,552	34,222	18,846	2,334	5,587	3,327	82,868
1989	19,712	34,211	19,070	2,837	5,602	3,567	84,999
1990	19,603	33,552	19,173	3,046	6,104	3,160	84,638
1991	20,149	32,845	18,992	3,016	6,422	3,243	84,667
1992	20,835	33,527	19,122	2,617	6,479	3,434	86,014
1993	21,351	33,841	19,835	2,892	6,410	3,322	87,651
1994	21,842	34,670	19,909	2,683	6,694	3,493	89,291
1995	22,671	34,438	20,089	3,205	7,075	3,498	90,976
1996	23,085	35,675	21,002	3,590	7,087	3,577	94,016
1997	23,223	36,159	21,445	3,640	6,597	3,534	94,598
1998	22,830	36,816	21,656	3,297	7,068	3,357	95,024
1999	22,909	37,838	21,623	3,268	7,610	3,409	96,657
2000	23,824	38,262	22,580	2,811	7,862	3,448	98,787
2001	22,773	38,186	21,914	2,242	8,029	3,068	96,212
2002	23,558	38,224	21,904	2,689	8,145	3,198	97,718
2003	22,831	38,811	22,321	2,825	7,959	3,317	98,064
2004	22,909	40,292	22,466	2,690	8,222	3,557	100,136
2005	22,561	40,388	22,797	2,703	8,161	3,704	100,314
2006	22,224	39,955	22,447	2,869	8,215	3,956	99,666
2007	23,702	39,774	22,749	2,446	8,455	4,274	101,400
2008	23,834	37,280	22,385	2,511	8,427	4,679	99,116
2009	23,344	35,403	19,692	2,669	8,356	4,918	94,382
2010	24,608	36,010	20,877	2,539	8,434	5,531	97,999

[a]Includes energy from solar, geothermal, wind and biomass
Source: U.S. Department of Energy, Energy Information Administration, *Monthly Energy Review*, November 2011

TABLE 6-12
ANNUAL ENERGY CONSUMPTION IN THE UNITED STATES
1981-2010
(Percentage Distribution)

Year	Natural Gas	Petroleum Products	Coal	Hydro Electric	Nuclear	Other[a]	TOTAL ENERGY
1981	26.1	41.8	20.8	3.6	3.9	3.7	100.0
1982	25.3	41.3	20.9	4.5	4.3	3.9	100.0
1983	23.7	41.1	21.7	4.8	4.4	4.3	100.0
1984	24.1	40.4	22.2	4.4	4.6	4.2	100.0
1985	23.2	40.5	22.9	3.9	5.3	4.2	100.0
1986	21.7	41.9	22.5	4.0	5.7	4.2	100.0
1987	22.4	41.5	22.7	3.3	6.0	4.1	100.0
1988	22.4	41.3	22.7	2.8	6.7	4.0	100.0
1989	23.2	40.2	22.4	3.3	6.6	4.2	100.0
1990	23.2	39.6	22.7	3.6	7.2	3.7	100.0
1991	23.8	38.8	22.4	3.6	7.6	3.8	100.0
1992	24.2	39.0	22.2	3.0	7.5	4.0	100.0
1993	24.4	38.6	22.6	3.3	7.3	3.8	100.0
1994	24.5	38.8	22.3	3.0	7.5	3.9	100.0
1995	24.9	37.9	22.1	3.5	7.8	3.8	100.0
1996	24.6	37.9	22.3	3.8	7.5	3.8	100.0
1997	24.5	38.2	22.7	3.8	7.0	3.7	100.0
1998	24.0	38.7	22.8	3.5	7.4	3.5	100.0
1999	23.7	39.1	22.4	3.4	7.9	3.5	100.0
2000	24.1	38.7	22.9	2.8	8.0	3.5	100.0
2001	23.7	39.7	22.8	2.3	8.3	3.2	100.0
2002	24.1	39.1	22.4	2.8	8.3	3.3	100.0
2003	23.3	39.6	22.8	2.9	8.1	3.4	100.0
2004	22.9	40.2	22.4	2.7	8.2	3.6	100.0
2005	22.5	40.3	22.7	2.7	8.1	3.7	100.0
2006	22.3	40.1	22.5	2.9	8.2	4.0	100.0
2007	23.4	39.2	22.4	2.4	8.3	4.2	100.0
2008	24.0	37.6	22.6	2.5	8.5	4.7	100.0
2009	24.7	37.5	20.9	2.8	8.9	5.2	100.0
2010	25.1	36.7	21.3	2.6	8.6	5.6	100.0

[a]Includes energy from solar, geothermal, wind and biomass
Source: U.S. Department of Energy, Energy Information Administration, *Monthly Energy Review*, November 2011

TABLE 6-13
GAS INDUSTRY AVERAGE ANNUAL CONSUMPTION PER CUSTOMER BY CLASS OF SERVICE
1996-2010
(MMBtu/Customer)

Year	TOTAL	Residential	Commercial	Industrial	Electric Generation
1996	170.5	96.6	542.3	9,927.2	n.a.
1997	159.3	90.4	479.6	8,343.3	160,610.9
1998	142.7	80.2	427.7	7,722.1	148,308.8
1999	147.6	82.5	449.4	9,887.8	380,743.2
2000	150.6	83.9	450.6	10,953.3	434,373.9
2001	141.1	79.8	451.8	9,511.1	217,084.6
2002	142.7	80.1	447.8	11,816.8	365,775.7
2003	142.6	81.7	455.8	11,673.0	304,683.1
2004	138.4	77.9	447.1	11,651.9	664,619.3
2005	138.4	75.8	439.4	11,404.8	1,111,511.8
2006	126.5	68.5	393.2	11,485.6	1,154,916.7
2007	130.1	73.0	411.8	11,339.1	1,233,651.4
2008	126.9	72.5	413.9	10,707.9	1,180,059.4
2009	123.3	72.7	407.9	8,429.4	1,094,014.1
2010	122.8	72.5	402.0	9,376.3	1,384,902.7

n.a. – Not Available

TABLE 6-14
AVERAGE ANNUAL RESIDENTIAL CONSUMPTION PER CUSTOMER BY STATE
2004-2010
(MMBtu/Customer)

Division and State	2004	2005	2006	2007	2008	2009	2010
UNITED STATES	**77.9**	**75.8**	**68.5**	**73.0**	**72.5**	**72.7**	**72.5**
New England	**90.2**	**93.1**	**79.7**	**87.1**	**81.4**	**86.0**	**80.9**
Connecticut	95.7	95.4	83.0	91.1	86.2	90.5	87.7
Maine	65.5	63.5	54.0	62.9	56.2	63.7	60.2
Massachusetts	88.9	94.1	79.5	87.3	81.0	86.0	79.8
New Hampshire	82.4	85.0	73.3	80.4	72.0	76.7	72.9
Rhode Island	89.7	87.6	77.4	81.6	78.9	82.1	77.6
Vermont	100.3	96.3	87.0	94.7	85.6	88.0	83.5
Middle Atlantic	**92.9**	**91.5**	**80.0**	**89.3**	**85.2**	**88.2**	**84.8**
New Jersey	92.3	91.5	79.0	90.3	84.8	88.7	85.4
New York	90.9	88.8	80.1	88.2	85.0	87.9	83.4
Pennsylvania	96.7	95.9	80.7	90.0	85.9	87.9	86.2
East North Central	**105.5**	**102.6**	**91.6**	**98.3**	**100.9**	**99.1**	**94.5**
Illinois	114.0	109.6	101.2	109.4	113.6	111.4	106.0
Indiana	96.1	89.2	78.7	87.7	91.3	85.9	85.2
Michigan	116.2	114.8	100.1	105.1	106.6	105.1	97.8
Ohio	95.0	96.5	83.3	88.0	88.9	90.3	90.2
Wisconsin	88.7	84.9	77.2	82.9	85.4	82.8	76.7
West North Central	**88.1**	**85.1**	**76.4**	**83.1**	**88.4**	**86.8**	**84.6**
Iowa	83.8	81.5	74.3	80.8	86.4	82.5	80.2
Kansas	78.3	78.1	68.3	75.9	82.4	85.6	88.5
Minnesota	102.3	97.1	86.3	94.9	98.7	96.5	88.8
Missouri	83.9	81.6	72.7	77.4	84.3	81.2	82.2
Nebraska	82.2	78.1	74.5	80.5	84.2	82.0	81.8
North Dakota	102.2	96.5	85.3	93.5	95.8	97.2	88.0
South Dakota	85.4	79.9	74.0	78.3	81.9	83.3	77.9
South Atlantic	**67.5**	**66.0**	**56.3**	**59.8**	**58.9**	**61.6**	**66.5**
Delaware	80.4	77.7	66.6	71.2	66.9	69.5	69.5
District of Columbia	91.9	89.5	70.6	81.6	77.7	81.3	81.6
Florida	25.7	25.3	24.0	22.7	22.9	23.2	28.6
Georgia	58.6	57.3	50.9	50.0	52.3	53.2	63.7
Maryland	81.3	79.8	65.6	76.4	71.8	75.1	76.5
North Carolina	68.2	66.3	57.0	56.6	58.3	61.4	68.9
South Carolina	57.3	54.3	46.4	45.6	48.3	49.4	58.6
Virginia	78.5	78.2	65.1	72.0	68.2	73.9	76.8
West Virginia	87.3	82.0	76.2	78.8	79.2	78.4	81.0
East South Central	**63.6**	**63.0**	**55.8**	**56.8**	**60.3**	**59.5**	**66.7**
Alabama	56.0	53.7	47.5	46.0	47.7	47.4	56.0
Kentucky	74.8	73.8	63.3	68.6	72.7	70.3	73.7
Mississippi	55.8	56.5	50.7	52.1	53.8	55.2	64.1
Tennessee	64.9	65.0	59.2	58.5	63.9	62.9	70.7
West South Central	**53.6**	**52.0**	**46.0**	**52.2**	**50.5**	**50.5**	**58.0**
Arkansas	64.5	62.3	58.5	60.5	64.2	61.5	68.0
Louisiana	46.8	46.8	39.7	43.6	42.0	42.3	52.6
Oklahoma	70.0	69.5	61.9	67.1	71.7	69.4	73.8
Texas	50.1	47.9	42.2	49.6	45.8	46.6	54.5
Mountain	**68.7**	**67.1**	**64.6**	**66.8**	**66.7**	**65.7**	**66.7**
Arizona	32.3	35.3	34.2	35.3	34.1	31.7	34.3
Colorado	82.9	83.9	78.9	85.3	83.4	81.9	82.8
Idaho	73.9	73.8	73.1	74.8	81.9	76.8	71.4
Montana	86.7	84.9	81.7	82.4	85.3	87.8	83.7
Nevada	58.0	54.5	53.9	52.4	51.0	52.5	53.2
New Mexico	69.5	64.6	58.8	63.1	61.0	59.5	65.0
Utah	88.9	80.4	82.1	80.3	83.0	82.8	83.0
Wyoming	91.2	86.9	86.1	87.0	87.8	86.3	85.4
Pacific	**56.8**	**53.5**	**53.6**	**53.4**	**51.6**	**52.2**	**52.0**
Alaska	179.6	171.3	189.5	177.3	180.1	171.3	159.4
California	53.0	49.1	49.1	48.6	46.4	46.8	48.1
Hawaii	20.5	20.3	20.6	20.3	19.5	20.6	20.7
Oregon	66.6	65.4	65.4	66.6	66.8	68.3	61.7
Washington	87.4	78.9	78.5	78.1	80.7	81.8	73.0

TABLE 6-15
GAS UTILITY INDUSTRY AVERAGE ANNUAL CONSUMPTION BY STATE AND CLASS OF SERVICE – 2010
(MMBtu/Customer)

		Class of Service			
Division and State	TOTAL	Residential	Commercial	Industrial	Electric Generation
UNITED STATES	**122.8**	**72.5**	**402.0**	**9,376.3**	**1,384,902.7**
New England	**115.9**	**80.9**	**362.3**	**1,955.9**	**570,569.3**
Connecticut	150.9	87.7	547.3	3,674.2	727,385.4
Maine	144.8	60.2	357.4	6,991.2	n.a.
Massachusetts	103.6	79.8	298.5	1,066.7	302,342.0
New Hampshire	115.2	72.9	331.4	25,593.9	n.a
Rhode Island	99.8	77.6	306.9	9,404.2	n.a
Vermont	185.3	83.5	478.9	62,593.7	54,716.0
Middle Atlantic	**111.3**	**84.8**	**378.3**	**1,582.7**	**310,851.2**
New Jersey	114.0	85.4	336.7	665.7	346,921.6
New York	108.4	83.4	418.6	2,228.6	117,660.7
Pennsylvania	112.7	86.2	367.1	2,998.5	22,637.3
East North Central	**122.4**	**94.5**	**385.2**	**2,287.5**	**240,578.4**
Illinois	126.9	106.0	359.2	1,291.0	35,042.3
Indiana	120.4	85.2	407.5	5,678.0	1,242.5
Michigan	122.9	97.8	403.4	1,609.6	60,232.0
Ohio	112.9	90.2	357.0	2,863.5	19,096.0
Wisconsin	121.8	76.7	396.3	4,199.5	430,837.1
West North Central	**133.5**	**84.6**	**447.5**	**7,197.6**	**111,620.7**
Iowa	123.8	80.2	395.3	8,324.8	80,949.5
Kansas	113.7	88.5	288.6	2,011.6	35,454.6
Minnesota	162.7	88.8	654.8	19,276.6	184,535.5
Missouri	114.6	82.2	351.7	2,949.0	150,408.0
Nebraska	133.9	81.8	498.4	10,270.7	121,746.1
North Dakota	197.8	88.0	554.7	28,585.9	70.6
South Dakota	138.9	77.9	418.1	9,395.3	8,002.3
South Atlantic	**111.2**	**66.5**	**432.4**	**16,814.4**	**246,711.0**
Delaware	105.1	69.5	493.5	10,899.6	n.a.
District of Columbia	100.7	81.6	488.1	#DIV/0!	n.a.
Florida	67.2	28.6	537.7	18,472.9	1,774,502.5
Georgia	167.3	63.7	351.1	30,801.2	9,286.0
Maryland	94.3	76.5	367.2	1,507.3	215,594.0
North Carolina	112.2	68.9	432.4	7,165.5	135,569.6
South Carolina	147.1	58.6	413.8	30,846.4	98,008.9
Virginia	114.0	76.8	467.4	11,969.8	68.0
West Virginia	119.3	81.0	394.5	122,973.9	n.a.
East South Central	**126.9**	**66.7**	**383.8**	**13,986.6**	**127,909.0**
Alabama	119.0	56.0	327.4	13,298.8	127,532.0
Kentucky	127.7	73.7	380.0	15,848.6	128,003.3
Mississippi	121.0	64.1	392.2	12,584.9	n.a.
Tennessee	134.0	70.7	412.2	14,333.8	n.a.
West South Central	**248.0**	**58.0**	**412.2**	**84,945.1**	**9,875,411.4**
Arkansas	101.8	68.0	341.1	4,161.1	n.a.
Louisiana	244.4	52.6	399.9	254,457.0	2,343,881.8
Oklahoma	106.4	73.8	232.4	846.9	3,474,730.6
Texas	299.4	54.5	481.1	93,172.5	12,287,679.6
Mountain	**101.6**	**66.7**	**428.9**	**8,711.8**	**813,752.6**
Arizona	63.7	34.3	517.6	19,382.7	127,333.4
Colorado	111.3	82.8	387.5	6,994.2	86,180.7
Idaho	98.4	71.4	330.5	4,098.6	n.a.
Montana	115.7	83.7	342.8	910.3	32,037.3
Nevada	114.7	53.2	489.4	13,396.0	4,966,610.5
New Mexico	90.2	65.0	345.2	5,509.3	71,476.0
Utah	120.5	83.0	552.5	19,598.6	18,790.0
Wyoming	140.1	85.4	525.9	8,094.6	n.a.
Pacific	**73.2**	**52.0**	**386.7**	**1,430.8**	**475,370.9**
Alaska	431.9	159.4	1,137.5	2,329,661.5	4,710,351.3
California	62.4	48.1	346.6	978.8	122,455.9
Hawaii	96.9	20.7	719.0	14,562.8	n.a
Oregon	104.3	61.7	354.1	11,970.0	n.a.
Washington	111.6	73.0	468.9	1,989.1	n.a

n.a. - Not available

TABLE 6-16
HEATING DEGREE DAYS[a] BY CALENDAR YEAR AND HEATING SEASON[b]

State/Region	Calendar Year Degree Days		Heating Season	
	2009	2010	2009 - 2010	2010 - 2011
UNITED STATES	**4,492**	**4,464**	**3,609**	**3,726**
Northeast Region	**6,628**	**5,894**	**4,592**	**5,151**
Connecticut	6,109	5,505	4,389	4,931
Delaware	4,606	4,584	3,786	4,111
District of Columbia	[d]	[d]	[d]	[d]
Maine	7,938	6,752	5,054	5,732
Maryland	4,955	4,845	4,021	4,276
Massachusetts	6,438	5,776	4,516	5,030
New Hampshire	7,574	6,599	5,067	5,741
New Jersey	5,261	4,966	4,010	4,478
New York	6,055	5,571	4,441	4,917
Pennsylvania	5,842	5,590	4,412	4,847
Rhode Island	5,934	5,217	4,138	4,669
Vermont	8,047	7,229	5,378	6,072
East North Central Region	**5,819**	**5,449**	**4,340**	**4,803**
Iowa	7,245	7,040	5,800	5,914
Michigan	6,995	6,393	5,027	5,570
Minnesota	8,918	8,175	6,341	7,029
Wisconsin	7,849	7,102	5,509	6,074
Central Region	**6,500**	**6,189**	**4,945**	**5,325**
Illinois	6,427	6,126	4,981	5,293
Indiana	5,798	5,742	4,689	4,940
Kentucky	4,563	4,838	4,060	4,041
Missouri	5,186	5,232	4,497	4,467
Ohio	5,891	5,883	4,707	4,995
Tennessee	3,856	4,269	3,663	3,448
West Virginia	5,190	5,408	4,301	4,432
Southeast Region	**6,888**	**6,601**	**5,417**	**5,622**
Alabama	2,763	3,276	2,948	2,593
Florida	666	1,230	962	867
Georgia	2,928	3,394	2,945	2,747
North Carolina	3,553	3,896	3,274	3,310
South Carolina	2,844	3,270	2,830	2,719
Virginia	4,395	4,506	3,721	3,898
West North Central Region	**8,855**	**8,201**	**6,664**	**6,663**
Montana	8,401	8,236	5,679	6,023
Nebraska	6,851	6,661	5,580	5,555
North Dakota	10,046	9,269	7,017	7,732
South Dakota	8,087	7,770	6,122	6,455
Wyoming	8,377	8,108	5,873	5,890
South Region	**3,520**	**3,937**	**3,426**	**3,194**
Arkansas	3,537	3,697	3,380	3,141
Kansas	5,253	5,088	4,538	4,436
Louisiana	1,639	2,229	2,128	1,756
mississippi	2,545	3,025	2,796	2,416
Oklahoma	3,744	3,858	3,583	3,281
Texas	1,856	2,197	2,238	1,747
Southwest Region	**2,175**	**2,510**	**2,466**	**2,035**
Arizona	1,890	2,024	1,877	1,781
Colorado	7,309	7,071	5,470	5,135
New Mexico	4,552	4,675	4,040	3,690
Utah	6,627	6,464	5,044	4,821
Northwest Region	**5,086**	**5,024**	**3,977**	**3,831**
Idaho	7,145	6,756	4,932	5,110
Oregon	5,295	5,065	3,382	3,593
Washington	5,640	5,227	3,486	3,821
West Region	**3,197**	**3,245**	**2,303**	**2,431**
Alaska	n.a.	n.a.	n.a.	n.a.
California	2,562	2,716	1,988	2,070
Hawaii	n.a.	n.a.	n.a.	n.a.
Nevada	3,635	3,689	3,049	2,979

[a]See glossary for definition of degree day. Division heating degree days are the weighted average of all states in a region, according to the 2000 population. National heating degree days are the weighted average of all divisions, according to the 2000 population
[b]Heating season is the period of November through March
[c]The transference of many weather stations between city locations and nearby airports at some time during the 30-year period has led to the introduction of slight inconsistencies in the average da
[d]Included in Maryland
[e]Includes the District of Columbia
n.a. – Not available

TABLE 6-17
COOLING DEGREE DAYS[a] BY CALENDAR YEAR AND COOLING SEASON[b]

State/Region	Calendar Year Degree Days		Cooling Season Degree Days	
	2009	2010	2009	2010
UNITED STATES	**1,209**	**1,427**	**1,078**	**1,314**
Northeast Region	**367**	**652**	**367**	**652**
Connecticut	482	817	482	817
Delaware	978	1,467	970	1,441
District of Columbia	[d]	[d]	[d]	[d]
Maine	193	353	193	353
Maryland	923	1,355	914	1,334
Massachusetts	377	677	377	677
New Hampshire	243	446	243	446
New Jersey	689	1,149	687	1,140
New York	509	881	509	877
Pennsylvania	570	937	570	933
Rhode Island	372	743	372	743
Vermont	226	377	226	377
East North Central Region	**565**	**955**	**565**	**950**
Iowa	556	934	556	910
Michigan	384	779	384	774
Minnesota	317	567	317	557
Wisconsin	324	644	324	637
Central Region	**549**	**969**	**547**	**949**
Illinois	630	1,108	628	1,079
Indiana	718	1,187	713	1,153
Kentucky	1,027	1,554	1,001	1,495
Missouri	987	1,513	976	1,446
Ohio	620	1,015	619	997
Tennessee	1,301	1,826	1,257	1,749
West Virginia	678	1,051	669	1,029
Southeast Region	**702**	**1,092**	**699**	**1,054**
Alabama	1,879	2,332	1,720	2,163
Florida	3,611	3,375	2,465	2,630
Georgia	1,693	2,114	1,586	1,986
North Carolina	1,347	1,820	1,304	1,743
South Carolina	1,821	2,224	1,717	2,080
Virginia	1,025	1,500	1,008	1,459
West North Central Region	**2,017**	**2,249**	**1,628**	**1,966**
Montana	214	181	214	181
Nebraska	686	1,031	686	1,010
North Dakota	294	414	294	410
South Dakota	496	744	496	733
Wyoming	185	263	185	263
South Region	**1,515**	**2,002**	**1,421**	**1,884**
Arkansas	1,535	2,214	1,479	2,087
Kansas	1,141	1,649	1,135	1,580
Louisiana	2,713	2,895	2,280	2,547
mississippi	2,070	2,480	1,881	2,273
Oklahoma	1,663	2,133	1,610	2,023
Texas	2,799	2,838	2,398	2,491
Southwest Region	**2,557**	**2,716**	**2,218**	**2,413**
Arizona	3,198	3,009	2,831	2,672
Colorado	208	368	208	368
New Mexico	994	1,072	986	1,055
Utah	684	672	681	664
Northwest Region	**1,425**	**1,388**	**1,307**	**1,275**
Idaho	491	352	491	352
Oregon	306	174	306	174
Washington	252	154	252	154
West Region	**825**	**608**	**778**	**565**
Alaska	n.a.	n.a.	n.a.	n.a.
California	978	731	917	675
Hawaii	n.a.	n.a.	n.a.	n.a.
Nevada	2,172	1,990	2,056	1,866

[a]See glossary for definition of (cooling) degree day. Division cooling degree days are the weighted average of all states in a region, according to the 2000 population. National cooling degree days are the weighted average of all divisions, according to the 2000 population.
[b]Cooling season is the period of May through September.
[c]The transference of many weather stations between city locations and nearby airports at some time during the 30-year period has led to the introduction of slight inconsistencies in the average data.
[d]Included in Maryland.
[e]Includes the District of Columbia.
n.a. = Not available.

SECTION 7
REVENUES

	2010	% Change 2010/2009
GAS INDUSTRY SALES REVENUES ($ Million)	**72,885.6**	**- 6.2**
Residential	47,230.7	- 6.5
Commercial	16,578.3	- 10.2
Industrial	8,959.4	+ 4.5
Industrial Only	6,436.8	+ 4.3
Electric Generation	2,522.6	+ 4.8
Other	117.1	- 20.3

	2010	% Change 2010/2009
GAS INDUSTRY TRANSPORTATION REVENUES ($ Million)	**7,363.7**	**+ 14.4**
Residential	2,181.4	+ 10.7
Commercial	2,792.1	+ 21.9
Industrial	2,390.2	+ 9.9
Industrial Only	1,731.4	+ 5.6
Electric Generation	658.8	+ 23.1

TABLE 7-1
GAS INDUSTRY REVENUES FROM SALES BY CLASS OF SERVICE
1996-2010
($ Thousands)

Year	TOTAL	Residential	Commercial	Industrial	Electric Gen.	Other
1996	53,630,010	32,941,813	13,250,041	5,811,682	1,614,510	11,964
1997	54,876,224	34,187,285	13,203,029	5,556,134	1,912,131	17,644
1998	47,084,125	30,130,307	11,019,755	4,188,642	1,725,512	19,909
1999	47,202,331	30,094,876	10,730,979	4,714,766	1,640,573	21,138
2000	59,243,305	35,827,688	13,338,496	7,431,923	2,611,876	33,322
2001	69,149,516	42,454,236	16,848,267	7,512,508	2,285,944	48,561
2002	57,112,427	35,061,853	13,512,235	6,840,454	1,639,068	58,818
2003	72,605,714	43,663,545	17,348,917	9,477,779	2,047,699	67,733
2004	79,929,026	47,274,634	18,689,483	11,229,521	2,652,579	82,810
2005	96,909,188	55,679,597	22,653,478	13,750,730	4,718,417	106,966
2006	91,928,119	53,960,665	21,557,324	12,005,503	3,920,931	483,696
2007	92,130,527	55,027,488	21,247,647	11,322,706	4,075,793	456,893
2008	102,641,430	60,195,378	23,591,619	13,205,109	5,405,923	243,403
2009	77,674,865	50,499,614	18,451,388	6,170,463	2,406,413	146,987
2010	72,885,607	47,230,708	16,578,311	6,436,846	2,522,603	117,139

TABLE 7-1a
GAS INDUSTRY REVENUES FROM TRANSPORTATION BY CLASS OF SERVICE
2008-2010
($ Thousands)

Year	TOTAL	Residential	Commercial	Industrial	Electric Gen.
2008	6,018,439	1,685,365	2,004,172	1,675,144	653,758
2009	6,435,184	1,969,798	2,290,769	1,639,293	535,324
2010	7,363,745	2,181,417	2,792,114	1,731,431	658,783

Chart 7-1

GAS INDUSTRY ANNUAL SALES REVENUE BY CLASS OF SERVICE

($ Billion)

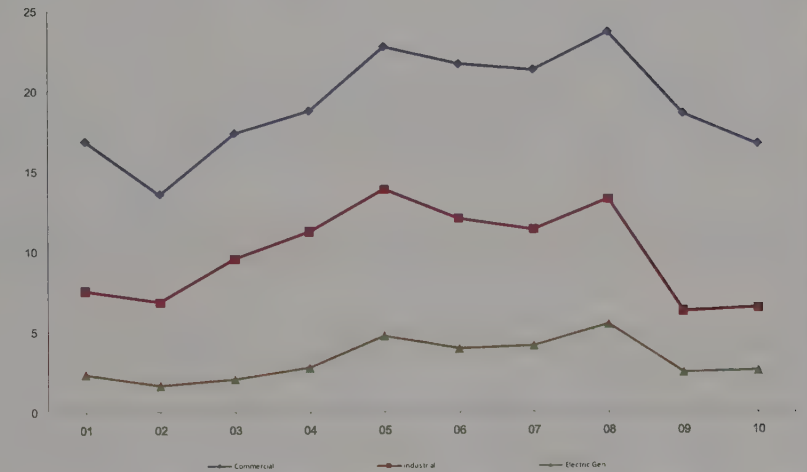


TABLE 7-2
GAS INDUSTRY SALES REVENUES BY STATE – 2004-2010
($ Thousands)

Division and State	2004	2005	2006	2007	2008	2009	2010
UNITED STATES	**$79,929,026**	**$96,909,188**	**$91,928,119**	**$92,130,527**	**$102,641,430**	**$77,674,865**	**$72,885,607**
New England	**4,030,915**	**4,590,856**	**4,565,659**	**4,766,072**	**4,815,643**	**4,112,164**	**3,763,601**
Connecticut	998,843	1,182,142	1,139,894	1,171,945	1,291,113	1,004,644	965,102
Maine	57,790	62,632	55,762	61,444	64,381	63,329	50,162
Massachusetts	2,339,816	2,636,801	2,641,096	2,770,991	2,699,711	2,313,727	2,109,756
New Hampshire	199,609	227,663	217,236	239,455	224,199	199,926	167,638
Rhode Island	363,663	401,920	424,235	415,941	420,927	425,104	378,035
Vermont	71,193	79,698	87,437	106,295	115,312	105,435	92,908
Middle Atlantic	**13,818,436**	**16,670,829**	**15,268,992**	**16,137,263**	**16,547,035**	**14,261,207**	**12,222,643**
New Jersey	3,897,023	4,795,044	4,110,418	4,435,535	4,592,935	4,067,340	3,548,377
New York	6,002,188	7,303,663	6,701,740	7,321,653	7,193,755	6,103,592	5,197,132
Pennsylvania	3,919,225	4,572,122	4,456,834	4,380,075	4,760,345	4,090,274	3,477,134
East North Central	**15,924,302**	**19,445,212**	**17,824,496**	**17,602,603**	**20,449,328**	**15,446,616**	**13,698,860**
Illinois	4,707,383	5,619,530	5,023,900	5,248,488	6,333,866	4,381,898	4,311,541
Indiana	2,177,280	2,634,563	2,435,537	2,321,537	2,762,741	2,068,356	1,620,671
Michigan	4,010,323	4,946,826	4,870,005	4,676,523	5,241,793	4,618,357	4,134,407
Ohio	2,820,130	3,604,987	3,105,677	2,794,743	3,163,157	2,120,144	1,617,038
Wisconsin	2,209,186	2,639,305	2,389,377	2,561,312	2,947,771	2,257,861	2,015,203
West North Central	**7,025,324**	**8,184,593**	**7,852,811**	**8,104,190**	**9,199,082**	**7,133,654**	**6,682,117**
Iowa	1,062,873	1,299,153	1,193,924	1,239,642	1,439,767	1,082,365	1,015,874
Kansas	956,383	1,059,076	1,034,087	1,114,704	1,267,154	1,038,143	1,025,228
Minnesota	2,309,373	2,733,751	2,534,615	2,657,711	2,965,078	2,132,623	1,932,217
Missouri	1,768,317	2,006,322	2,037,827	2,004,420	2,241,083	1,931,623	1,821,132
Nebraska	497,797	585,660	589,535	614,214	690,496	520,854	498,019
North Dakota	228,035	247,324	228,001	237,794	299,791	201,563	189,063
South Dakota	202,546	253,307	234,822	235,705	295,714	226,485	200,584
South Atlantic	**7,086,630**	**8,779,412**	**8,261,017**	**7,961,934**	**8,702,389**	**7,173,403**	**6,908,058**
Delaware	212,935	261,591	268,547	269,483	261,073	283,082	238,013
District of Columbia	209,413	247,379	204,223	213,937	219,549	184,578	178,562
Florida	569,000	665,457	695,738	635,180	661,025	590,825	623,081
Georgia	515,136	655,572	643,727	591,653	674,464	484,862	525,929
Maryland	1,115,709	1,385,221	1,241,950	1,335,498	1,403,813	1,151,537	1,052,339
North Carolina	1,411,457	1,781,870	1,704,270	1,593,970	1,853,822	1,541,474	1,511,142
South Carolina	1,075,191	1,302,357	1,234,480	1,011,071	1,144,278	824,147	861,810
Virginia	1,459,295	1,854,524	1,619,333	1,697,799	1,839,812	1,521,886	1,458,440
West Virginia	518,494	625,440	648,751	613,342	644,554	591,013	458,743
East South Central	**4,269,664**	**5,373,870**	**5,127,963**	**4,633,635**	**5,469,426**	**4,200,604**	**4,032,417**
Alabama	1,074,718	1,293,683	1,364,336	1,241,183	1,416,601	1,174,552	1,166,460
Kentucky	1,021,180	1,245,551	1,159,229	1,066,271	1,334,801	1,005,758	883,746
Mississippi	708,670	912,007	721,248	621,090	693,651	492,513	509,672
Tennessee	1,465,096	1,922,628	1,883,150	1,705,091	2,024,373	1,527,781	1,472,538
West South Central	**13,587,862**	**17,239,962**	**15,406,349**	**15,710,108**	**18,940,629**	**10,139,152**	**11,133,788**
Arkansas	667,942	740,829	725,899	690,113	807,593	700,457	633,649
Louisiana	2,097,079	3,010,268	2,611,108	2,658,965	2,859,047	1,372,107	1,486,193
Oklahoma	886,009	1,022,835	1,025,433	1,058,940	1,182,534	978,344	1,008,252
Texas	9,936,833	12,466,030	11,043,909	11,302,090	14,091,455	7,088,245	8,005,695
Mountain	**4,938,365**	**5,857,555**	**6,408,137**	**6,078,316**	**6,611,877**	**5,777,417**	**5,376,724**
Arizona	858,553	914,764	1,096,510	1,166,759	1,210,317	1,031,240	960,722
Colorado	1,505,041	1,887,488	1,840,236	1,683,088	1,916,136	1,599,137	1,520,911
Idaho	284,160	344,732	413,643	402,265	453,686	401,600	318,940
Montana	278,020	324,553	333,893	298,545	379,384	318,033	278,462
Nevada	728,313	872,135	1,027,161	1,005,279	999,813	998,784	894,426
New Mexico	482,758	544,095	567,337	575,599	599,617	427,243	468,661
Utah	701,328	847,379	993,797	842,369	879,274	847,658	796,917
Wyoming	100,192	122,408	135,559	104,411	173,651	153,722	137,685
Pacific	**9,247,528**	**10,766,900**	**11,212,695**	**11,136,406**	**11,906,020**	**9,430,648**	**9,067,399**
Alaska	333,444	347,891	395,722	438,649	445,855	498,552	387,926
California	6,862,568	7,922,490	7,900,137	7,662,605	8,448,818	5,897,904	6,283,832
Hawaii	58,725	69,973	79,695	78,690	102,800	77,646	95,763
Oregon	782,264	975,251	1,121,961	1,120,678	1,098,661	1,103,000	845,037
Washington	1,210,527	1,451,295	1,715,181	1,835,784	1,809,887	1,853,546	1,454,841

TABLE 7-3
GAS UTILITY INDUSTRY SALES REVENUES BY STATE AND CLASS OF SERVICE – 2010
($ Thousands)

Division and State	TOTAL	Residential	Commercial	Industrial	Electric Generation	Other
UNITED STATES	**$72,885,607**	**$47,230,708**	**$16,578,311**	**$6,436,846**	**$2,522,603**	**$117,139**
New England	**3,763,601**	**2,623,386**	**919,221**	**199,990**	**20,552**	**453**
Connecticut	965,102	620,781	253,814	72,086	18,179	242
Maine	50,162	17,431	30,753	1,978	0	0
Massachusetts	2,109,756	1,558,835	452,698	95,969	2,067	187
New Hampshire	167,638	97,441	61,291	8,907	0	0
Rhode Island	378,035	279,217	92,496	6,299	0	24
Vermont	92,908	49,681	28,170	14,751	306	0
Middle Atlantic	**12,222,643**	**9,357,811**	**2,540,227**	**164,359**	**147,325**	**12,921**
New Jersey	3,548,377	2,702,973	661,780	39,017	144,608	0
New York	5,197,132	4,039,549	1,074,516	68,566	1,719	12,783
Pennsylvania	3,477,134	2,615,290	803,932	56,777	998	138
East North Central	**13,698,860**	**10,280,296**	**2,828,470**	**543,334**	**46,388**	**372**
Illinois	4,311,541	3,439,750	732,614	136,637	2,504	37
Indiana	1,620,671	1,120,537	411,916	88,148	18	52
Michigan	4,134,407	3,167,173	849,704	116,542	989	0
Ohio	1,617,038	1,274,158	300,029	42,374	478	0
Wisconsin	2,015,203	1,278,679	534,207	159,633	42,400	283
West North Central	**6,682,117**	**4,266,847**	**1,887,281**	**475,436**	**52,388**	**164**
Iowa	1,015,874	654,368	290,554	59,312	11,629	12
Kansas	1,025,228	771,375	210,410	41,600	1,843	0
Minnesota	1,932,217	1,077,488	636,562	197,567	20,575	25
Missouri	1,821,132	1,252,179	481,235	74,676	12,919	124
Nebraska	498,019	313,865	137,847	41,005	5,303	0
North Dakota	189,063	85,182	67,020	36,854	3	4
South Dakota	200,584	112,390	63,654	24,424	116	0
South Atlantic	**6,908,058**	**4,369,060**	**1,922,585**	**580,681**	**35,135**	**597**
Delaware	238,013	153,137	80,573	4,300	0	3
District of Columbia	178,562	139,065	39,496	0 0		1
Florida	623,081	327,553	252,063	19,243	23,871	350
Georgia	525,929	241,581	117,827	166,282	146	92
Maryland	1,052,339	835,662	203,962	11,117	1,593	5
North Carolina	1,511,142	931,785	485,392	88,418	5,471	77
South Carolina	861,810	420,275	230,267	207,193	4,052	23
Virginia	1,458,440	1,012,375	382,486	63,530	2	47
West Virginia	458,743	307,626	130,519	20,598	0	0
East South Central	**4,032,417**	**2,234,758**	**1,183,664**	**607,079**	**6,719**	**198**
Alabama	1,166,460	659,276	280,860	225,422	707	195
Kentucky	883,746	521,353	255,462	100,919	6,012	0
Mississippi	509,672	276,810	167,925	64,938	0	0
Tennessee	1,472,538	777,319	479,417	215,799	0	3
West South Central	**11,133,788**	**4,125,862**	**1,761,207**	**3,356,522**	**1,887,848**	**2,349**
Arkansas	633,649	417,776	198,854	17,019	0	0
Louisiana	1,486,193	533,110	223,343	669,910	59,795	35
Oklahoma	1,008,252	728,321	194,551	8,543	76,528	309
Texas	8,005,695	2,446,654	1,144,460	2,661,049	1,751,526	2,005
Mountain	**5,376,724**	**3,511,486**	**1,494,842**	**134,165**	**221,596**	**14,636**
Arizona	960,722	600,194	303,676	36,965	15,369	4,517
Colorado	1,520,911	1,067,311	413,602	34,882	2,656	2,460
Idaho	318,940	214,692	101,203	2,742	0	303
Montana	278,462	180,098	95,438	2,221	704	2
Nevada	894,426	482,484	188,319	20,773	200,906	1,944
New Mexico	468,661	339,603	114,180	12,843	1,874	162
Utah	796,917	543,542	226,414	21,700	88	5,174
Wyoming	137,685	83,561	52,010	2,040	0	74
Pacific	**9,067,399**	**6,461,202**	**2,040,815**	**375,281**	**104,652**	**85,449**
Alaska	387,926	166,403	122,688	19,086	79,749	0
California	6,283,832	4,837,021	1,112,370	225,739	24,903	83,799
Hawaii	95,763	22,642	64,960	8,161	0	0
Oregon	845,037	510,011	267,917	67,097	0	12
Washington	1,454,841	925,125	472,879	55,198	0	1,638

TABLE 7-4
GAS INDUSTRY TRANSPORTATION REVENUES BY STATE – 2008-2010
($ Thousands)

Division and State	2008	2009	2010
UNITED STATES	**$6,018,439**	**$6,435,184**	**$7,363,745**
New England	**289,759**	**305,508**	**332,501**
Connecticut	80,856	85,275	78,631
Maine	21,369	18,569	19,185
Massachusetts	152,678	166,410	199,237
New Hampshire	14,615	15,924	14,661
Rhode Island	19,996	19,073	20,501
Vermont	246	257	286
Middle Atlantic	**1,618,687**	**1,800,346**	**2,321,806**
New Jersey	356,289	354,423	441,700
New York	885,129	1,037,503	1,468,968
Pennsylvania	377,269	408,419	411,138
East North Central	**1,654,060**	**1,830,982**	**2,008,427**
Illinois	337,853	382,298	392,288
Indiana	140,111	145,902	132,491
Michigan	211,896	219,888	284,438
Ohio	882,759	1,009,091	1,116,630
Wisconsin	81,442	73,802	82,580
West North Central	**257,892**	**236,474**	**244,771**
Iowa	56,658	40,631	41,204
Kansas	62,298	61,033	61,176
Minnesota	24,715	25,158	33,330
Missouri	45,002	43,954	42,112
Nebraska	59,399	55,705	54,311
North Dakota	1,625	1,545	2,294
South Dakota	8,196	8,448	10,344
South Atlantic	**963,943**	**999,583**	**1,034,831**
Delaware	9,279	10,549	10,638
District of Columbia	60,672	65,060	65,941
Florida	119,676	132,550	143,991
Georgia	388,398	391,143	392,142
Maryland	164,317	165,186	175,173
North Carolina	89,789	88,888	89,779
South Carolina	29,817	39,417	38,028
Virginia	80,807	85,584	94,808
West Virginia	21,189	21,207	24,332
East South Central	**158,203**	**165,729**	**173,117**
Alabama	63,360	66,159	66,525
Kentucky	42,167	43,133	50,622
Mississippi	18,493	19,450	15,647
Tennessee	34,183	36,988	40,324
West South Central	**296,764**	**303,252**	**411,145**
Arkansas	55,818	55,938	22,150
Louisiana	66,692	73,189	92,995
Oklahoma	57,915	62,214	56,818
Texas	116,338	111,912	239,181
Mountain	**222,083**	**223,649**	**232,992**
Arizona	16,379	20,210	23,179
Colorado	112,410	88,276	100,182
Idaho	10,393	8,883	8,496
Montana	3,540	24,282	20,214
Nevada	31,210	31,888	28,258
New Mexico	14,936	14,882	15,954
Utah	9,737	11,038	11,385
Wyoming	23,479	24,190	25,324
Pacific	**557,048**	**569,660**	**604,155**
Alaska	11,093	8,755	7,951
California	493,060	505,335	538,864
Hawaii	0	0	0
Oregon	18,272	18,403	19,564
Washington	34,623	37,167	37,775

TABLE 7-5
GAS UTILITY INDUSTRY TRANSPORTATION REVENUES BY STATE AND CLASS OF SERVICE – 2010
($ Thousands)

Division and State	TOTAL	Residential	Commercial	Industrial	Electric Generation
UNITED STATES	**$7,363,745**	**$2,181,417**	**$2,792,114**	**$1,731,431**	**$658,783**
New England	**332,501**	**31,091**	**168,426**	**119,693**	**13,290**
Connecticut	78,631	3,596	40,851	25,677	8,507
Maine	19,185	3	5,563	12,121	1,499
Massachusetts	199,237	27,492	101,884	66,969	2,893
New Hampshire	14,661	0	8,453	5,815	392
Rhode Island	20,501	0	11,675	8,826	0
Vermont	286	0 0		286	0
Middle Atlantic	**2,321,806**	**735,218**	**1,156,099**	**262,038**	**168,452**
New Jersey	441,700	40,977	270,947	63,468	66,308
New York	1,468,968	581,388	717,023	77,302	93,254
Pennsylvania	411,138	112,852	168,129	121,268	8,889
East North Central	**2,008,427**	**929,789**	**582,045**	**444,067**	**52,526**
Illinois	392,288	132,344	150,670	99,471	9,803
Indiana	132,491	19,927	30,710	77,317	4,537
Michigan	284,438	76,376	93,918	90,408	23,737
Ohio	1,116,630	701,143	291,227	122,557	1,702
Wisconsin	82,580	0	15,519	54,314	12,746
West North Central	**244,771**	**23,033**	**63,921**	**136,222**	**21,595**
Iowa	41,204	0	8,726	30,481	1,997
Kansas	61,176	0	19,694	38,307	3,174
Minnesota	33,330	0	3,130	16,631	13,569
Missouri	42,112	0	11,764	27,934	2,414
Nebraska	54,311	23,033	18,846	11,989	442
North Dakota	2,294	0	471	1,823	0
South Dakota	10,344	0	1,288	9,056	0
South Atlantic	**1,034,831**	**408,461**	**396,848**	**173,519**	**56,005**
Delaware	10,638	0	6,573	4,066	0
District of Columbia	65,941	16,106	49,835	0	0
Florida	143,991	4,726	93,453	35,167	10,645
Georgia	392,142	291,676	88,742	11,493	231
Maryland	175,173	64,570	90,480	18,591	1,532
North Carolina	89,779	0	9,263	63,440	17,076
South Carolina	38,028	0	2,804	18,549	16,675
Virginia	94,808	31,378	40,786	12,834	9,810
West Virginia	24,332	5	14,912	9,379	36
East South Central	**173,117**	**8,716**	**38,051**	**115,679**	**10,672**
Alabama	66,525	0	22,240	41,619	2,666
Kentucky	50,622	8,716	8,655	30,670	2,580
Mississippi	15,647	0	1,091	10,811	3,746
Tennessee	40,324	0	6,064	32,579	1,680
West South Central	**411,145**	**918**	**62,419**	**177,187**	**170,620**
Arkansas	22,150	0	8,987	13,121	43
Louisiana	92,995	0	1,873	82,863	8,259
Oklahoma	56,818	0	20,951	27,995	7,872
Texas	239,181	918	30,609	53,209	154,446
Mountain	**232,992**	**11,688**	**58,054**	**98,717**	**64,533**
Arizona	23,179	0	7,236	11,414	4,529
Colorado	100,182	55	3,814	56,040	40,274
Idaho	8,496	0	1,610	6,886	0
Montana	20,214	123	12,912	6,646	533
Nevada	28,258	0	9,182	3,668	15,408
New Mexico	15,954	9	11,526	3,480	938
Utah	11,385	0	3,030	5,504	2,851
Wyoming	25,324	11,500	8,744	5,080	0
Pacific	**604,155**	**32,503**	**266,251**	**204,310**	**101,090**
Alaska	7,951	0	2,573	513	4,865
California	538,864	32,503	258,280	160,307	87,774
Hawaii	0	0 0 0			0
Oregon	19,564	0	887	17,228	1,448
Washington	37,775	0	4,511	26,261	7,003

SECTION 8
END USERS

	2010	% Change 2010/2009
GAS INDUSTRY SALES CUSTOMERS (Thousands)	**64,960.2**	**- 0.3**
Residential	60,246.4	- 0.2
Commercial	4,582.4	- 1.7
Industrial	129.4	- 8.9

TABLE 8-1
GAS INDUSTRY SALES CUSTOMERS BY CLASS OF SERVICE
1996-2010
(Thousands)

Year	TOTAL	Residential	Commercial	Industrial[a]	Other
1996	60,043.7	55,222.3	4,642.6	176.5	2.4
1997	61,013.1	55,934.2	4,880.9	195.5	2.5
1998	61,528.1	56,517.2	4,824.6	182.8	3.4
1999	60,777.6	56,016.5	4,599.4	159.0	2.8
2000	61,262.3	56,493.5	4,609.8	156.7	2.3
2001	61,384.5	56,680.0	4,545.5	156.4	2.6
2002	62,034.2	57,292.7	4,590.0	149.2	2.4
2003	62,609.9	57,802.0	4,661.0	144.6	2.4
2004	63,296.5	58,501.1	4,641.0	151.8	2.6
2005	64,395.0	59,568.9	4,678.3	145.6	2.3
2006	65,019.5	60,146.5	4,733.5	137.7	1.8
2007	65,388.9	60,534.2	4,718.1	134.8	1.8
2008	65,486.8	60,654.2	4,702.5	128.1	2.1
2009	65,146.9	60,343.5	4,659.3	142.0	2.0
2010	64,960.2	60,246.4	4,582.4	129.4	2.1

[a]Electric generation end users are included in the Industrial category.

TABLE 8-2
NATURAL GAS RESIDENTIAL END USERS
1996-2010
(Thousands)

Year	Utility Delivery			Other Delivery	Total Residential End Users
	Sales	Transp.	TOTAL		
1996	52,918.1	41.4	52,959.5	2,304.2	55,263.7
1997	53,725.9	252.8	53,978.7	2,208.2	56,187.0
1998	54,319.5	800.3	55,119.8	2,198.7	57,318.5
1999	55,388.3	2,198.6	57,586.9	629.1	58,216.0
2000	56,274.9	2,978.3	59,253.2	218.7	59,471.9
2001	55,498.2	3,572.7	59,070.9	1,181.8	60,252.7
2002	56,935.1	3,874.4	60,782.4	357.6	61,140.0
2003	56,288.1	4,055.8	60,344.0	1,513.9	61,857.9
2004	56,837.5	3,968.0	60,805.5	1,663.6	62,469.1
2005	57,631.2	3,832.5	61,463.7	1,938.3	63,402.0
2006	58,623.8	4,238.8	62,862.6	1,523.4	64,386.0
2007	60,428.3	4,329.5	64,820.8	106.4	64,927.2
2008	60,401.4	4,599.4	65,000.8	253.1	65,254.0
2009	60,211.0	4,969.0	65,180.0	136.7	65,316.7
2010	60,116.1	5,271.3	65,387.4	134.4	65,521.8

NOTE: For reporting purposes, Utility Delivery includes system sales end users and transportation end users by investor-owned and municipally-owned distribution companies. Other Delivery includes sales and transportation end users of deliveries by all others (pipelines, storage operators, etc.).

TABLE 8-3
NATURAL GAS COMMERCIAL END USERS
1996-2010
(Thousands)

Year	Utility Delivery			Other Delivery	Total Commercial End Users
	Sales	Transp.	TOTAL		
1996	4,432.6	77.0	4,509.6	210.6	4,720.2
1997	4,683.1	121.9	4,805.0	199.4	5,004.4
1998	4,630.3	219.0	4,849.3	196.0	5,045.2
1999	4,523.5	409.5	4,933.1	77.0	5,010.1
2000	4,580.2	479.6	5,059.8	30.7	5,090.5
2001	4,409.1	480.8	4,889.9	140.2	5,030.1
2002	4,546.8	469.6	5,016.4	43.4	5,059.7
2003	4,505.6	487.4	4,993.0	157.9	5,150.9
2004	4,472.1	492.3	4,964.5	171.5	5,136.0
2005	4,490.5	494.2	4,984.7	193.5	5,178.2
2006	4,582.6	536.6	5,119.2	155.6	5,274.9
2007	4,709.3	587.2	5,296.5	9.1	5,305.6
2008	4,680.8	604.5	5,285.3	22.0	5,307.3
2009	4,646.2	661.2	5,307.4	13.7	5,321.2
2010	4,569.8	716.0	5,285.8	13.3	5,299.1

NOTE: For reporting purposes, Utility Delivery includes system sales end users and transportation end users by investor-owned and municipally-owned distribution companies. Other Delivery includes sales and transportation end users of deliveries by all others (pipelines, storage operators, etc.).

TABLE 8-4
NATURAL GAS INDUSTRIAL END USERS
1996-2010
(Thousands)

Year	Utility Delivery			Other Delivery	Total Industrial End Users
	Sales	Transp.	TOTAL		
1996	170.2	23.6	193.8	7.7	201.5
1997	186.4	42.1	228.6	6.2	234.8
1998	172.1	47.1	219.2	7.0	226.2
1999	154.3	69.6	223.9	4.4	228.3
2000	151.9	77.2	229.1	4.5	233.6
2001	150.1	60.6	210.7	5.3	216.1
2002	145.6	59.9	205.5	5.1	210.6
2003	139.1	58.4	197.6	7.9	205.4
2004	147.3	58.0	205.3	6.9	212.2
2005	141.2	56.7	197.9	6.9	204.7
2006	134.1	59.6	193.7	6.1	199.8
2007	132.6	58.7	191.2	3.7	194.9
2008	125.8	66.8	192.7	1.8	194.5
2009	135.5	62.7	198.3	9.2	207.4
2010	120.0	60.4	183.4	9.1	192.5

NOTE For reporting purposes, Utility Delivery includes system sales end users and transportation end users by investor-owned and municipally-owned distribution companies. Other Delivery includes sales and transportation end users of deliveries by all others (pipelines, storage operators, etc.).

TABLE 8-5
NATURAL GAS RESIDENTIAL END USERS BY STATE – 2010
(Thousands)

Year	Utility Delivery			Other Delivery	Total Residential End Users
	Sales	Transp.	TOTAL		
UNITED STATES	**60,116.1**	**5,271.3**	**65,387.4**	**134.4**	**65,521.8**
New England	**2,256.9**	**2.6**	**2,259.4**	**0.0**	**2,259.4**
Connecticut	489.4	0.8	490.2	0.0	490.2
Maine	21.1	a.	21.1	0.0	21.1
Massachusetts	1,387.7	1.8	1,389.5	0.0	1,389.5
New Hampshire	95.4	a.	95.4	0.0	95.4
Rhode Island	225.2	0.0	225.2	0.0	225.2
Vermont	38.0	0.0	38.0	0.0	38.0
Middle Atlantic	**8,546.5**	**1,026.6**	**9,573.1**	**57.4**	**9,630.5**
New Jersey	2,556.5	92.8	2,649.3	0.0	2,649.3
New York	3,602.5	731.3	4,333.8	1.2	4,335.0
Pennsylvania	2,387.5	202.5	2,589.9	56.3	2,646.2
East North Central	**11,131.8**	**2,386.1**	**13,517.9**	**44.9**	**13,562.8**
Illinois	3,562.9	274.1	3,837.0	5.2	3,842.2
Indiana	1,573.9	89.7	1,663.6	0.0	1,663.6
Michigan	2,944.4	199.9	3,144.3	8.1	3,152.5
Ohio	1,387.0	1,822.4	3,209.4	31.6	3,240.9
Wisconsin	1,663.6	0.0	1,663.6	0.0	1,663.6
West North Central	**5,246.6**	**68.4**	**5,315.0**	**1.0**	**5,316.0**
Iowa	879.3	0.0	879.3	0.4	879.7
Kansas	853.7	0.0	853.7	0.1	853.8
Minnesota	1,429.2	0.0	1,429.2	0.5	1,429.7
Missouri	1,348.5	0.0	1,348.5	0.0	1,348.5
Nebraska	442.4	68.4	510.8	0.0	510.8
North Dakota	123.6	0.0	123.6	0.0	123.6
South Dakota	169.8	0.0	169.8	0.0	169.8
South Atlantic	**5,290.7**	**1,651.6**	**6,942.3**	**1.0**	**6,943.2**
Delaware	150.5	0.0	150.5	0.0	150.5
District of Columbia	130.0	14.1	144.2	0.0	144.2
Florida	661.8	13.4	675.2	0.4	675.6
Georgia	321.3	1,419.3	1,740.6	0.0	1,740.6
Maryland	923.9	147.7	1,071.6	0.0	1,071.6
North Carolina	1,115.5	0.0	1,115.5	0.0	1,115.5
South Carolina	568.2	0.0	568.2	0.0	568.2
Virginia	1,076.1	57.0	1,133.1	0.0	1,133.1
West Virginia	343.5	a.	343.5	0.6	344.1
East South Central	**3,016.9**	**29.2**	**3,046.1**	**3.2**	**3,049.3**
Alabama	768.9	0.0	768.9	0.0	768.9
Kentucky	728.8	29.2	758.0	0.1	758.1
Mississippi	433.9	0.0	433.9	3.0	436.8
Tennessee	1,085.3	0.0	1,085.3	0.1	1,085.4
West South Central	**6,624.7**	**0.0**	**6,624.7**	**19.4**	**6,644.1**
Arkansas	549.9	0.0	549.9	0.1	550.0
Louisiana	892.3	0.0	892.3	0.2	892.4
Oklahoma	911.2	0.0	911.2	3.4	914.7
Texas	4,271.3	0.0	4,271.3	15.8	4,287.1
Mountain	**5,636.1**	**36.6**	**5,672.7**	**3.9**	**5,676.6**
Arizona	1,138.4	0.0	1,138.4	0.0	1,138.4
Colorado	1,634.6	a.	1,634.6	0.0	1,634.6
Idaho	346.6	0.0	346.6	0.0	346.6
Montana	255.6	0.5	256.0	1.3	257.3
Nevada	764.4	0.0	764.4	0.0	764.4
New Mexico	559.8	a.	559.9	0.0	559.9
Utah	821.5	0.0	821.5	0.0	821.5
Wyoming	115.1	36.1	151.2	2.7	153.9
Pacific	**12,365.9**	**70.4**	**12,436.3**	**3.6**	**12,439.9**
Alaska	120.0	0.0	120.0	1.2	121.2
California	10,469.7	70.4	10,540.1	2.4	10,542.6
Hawaii	25.4	0.0	25.4	0.0	25.4
Oregon	682.7	0.0	682.7	0.0	682.7
Washington	1,068.0	0.0	1,068.0	0.0	1,068.0

a. Less than 50

TABLE 8-6
NATURAL GAS COMMERCIAL END USERS BY STATE – 2010
(Thousands)

Year	Utility Delivery			Other Delivery	Total Commercial End Users
	Sales	Transp.	TOTAL		
UNITED STATES	**4,569.8**	**716.0**	**5,285.8**	**13.3**	**5,299.1**
New England	**227.6**	**25.6**	**253.2**	**0.0**	**253.2**
Connecticut	50.1	4.7	54.8	0.0	54.8
Maine	7.6	1.5	9.1	0.0	9.1
Massachusetts	128.3	16.2	144.5	0.0	144.5
New Hampshire	15.0	1.6	16.6	0.0	16.6
Rhode Island	21.5	1.5	23.0	0.0	23.0
Vermont	5.1	0.0	5.1	0.0	5.1
Middle Atlantic	**659.8**	**181.1**	**840.9**	**4.4**	**845.3**
New Jersey	200.7	33.5	234.2	0.0	234.2
New York	263.3	114.1	377.4	a.	377.4
Pennsylvania	195.8	33.6	229.4	4.4	233.7
East North Central	**848.5**	**277.5**	**1,126.0**	**3.4**	**1,129.4**
Illinois	239.7	51.2	290.9	0.5	291.4
Indiana	138.3	17.5	155.8	0.0	155.8
Michigan	217.0	32.0	249.0	0.4	249.3
Ohio	90.5	175.7	266.2	2.5	268.7
Wisconsin	163.1	1.1	164.2	0.0	164.2
West North Central	**524.7**	**25.2**	**549.9**	**0.1**	**550.1**
Iowa	97.1	1.4	98.5	a.	98.5
Kansas	78.3	6.1	84.4	a.	84.4
Minnesota	131.9	0.2	132.1	0.1	132.2
Missouri	137.3	1.3	138.7	a.	138.7
Nebraska	40.3	15.9	56.2	a.	56.2
North Dakota	17.7	0.1	17.8	0.0	17.8
South Dakota	22.0	0.2	22.3	0.0	22.3
South Atlantic	**436.1**	**146.1**	**582.2**	**0.3**	**582.5**
Delaware	12.7	0.1	12.8	a.	12.9
District of Columbia	6.4	3.5	9.9	0.0	9.9
Florida	41.8	19.0	60.7	0.1	60.9
Georgia	32.3	92.4	124.8	0.0	124.8
Maryland	55.0	20.2	75.2	a.	75.2
North Carolina	113.8	0.1	113.9	0.0	113.9
South Carolina	55.5	0.1	55.6	a.	55.6
Virginia	85.5	9.9	95.4	0.0	95.4
West Virginia	33.1	0.8	33.9	0.1	34.1
East South Central	**324.7**	**4.4**	**329.1**	**0.5**	**329.6**
Alabama	66.3	0.1	66.4	a.	66.4
Kentucky	80.5	4.2	84.7	a.	84.7
Mississippi	50.1	a.	50.1	0.4	50.5
Tennessee	127.8	0.1	127.9	a.	127.9
West South Central	**522.3**	**5.9**	**528.2**	**2.8**	**531.1**
Arkansas	67.7	0.3	68.0	a.	68.0
Louisiana	58.4	0.1	58.4	a.	58.4
Oklahoma	87.8	4.2	92.0	0.5	92.5
Texas	308.4	1.4	309.8	2.3	312.1
Mountain	**435.3**	**9.7**	**445.0**	**1.2**	**446.2**
Arizona	56.5	0.2	56.7	0.0	56.7
Colorado	145.2	0.2	145.5	a.	145.5
Idaho	38.5	a.	38.5	0.0	38.5
Montana	33.4	0.4	33.7	0.3	34.0
Nevada	40.7	0.1	40.8	0.0	40.8
New Mexico	45.7	3.1	48.8	0.0	48.8
Utah	61.9	a.	62.0	a.	62.0
Wyoming	13.4	5.7	19.1	0.9	20.0
Pacific	**590.8**	**40.4**	**631.2**	**0.5**	**631.7**
Alaska	12.5	0.3	12.8	0.2	13.0
California	399.3	40.0	439.2	0.3	439.6
Hawaii	2.6	0.0	2.6	0.0	2.6
Oregon	77.4	a.	77.4	0.0	77.4
Washington	99.2	0.1	99.2	0.0	99.2

a – Less than 50

TABLE 8-7
NATURAL GAS INDUSTRIAL END USERS BY STATE – 2010
(Thousands)

Year	Utility Delivery			Other Delivery	Total Industrial End Users
	Sales	Transp.	TOTAL		
UNITED STATES	**123.0**	**60.4**	**183.4**	**9.1**	**192.5**
New England	**10.3**	**6.2**	**16.5**	**a.**	**16.5**
Connecticut	2.1	1.0	3.1	0.0	3.1
Maine	a.	0.1	0.1	0.0	0.1
Massachusetts	8.0	4.7	12.7	a.	12.8
New Hampshire	a.	0.3	0.3	0.0	0.3
Rhode Island	0.1	0.2	0.2	0.0	0.2
Vermont	a.	a. a.		0.0	a
Middle Atlantic	**12.4**	**6.0**	**18.3**	**a.**	**18.4**
New Jersey	6.3	1.2	7.5	0.0	7.5
New York	3.7	2.5	6.2	a.	6.2
Pennsylvania	2.4	2.2	4.6	a.	4.6
East North Central	**33.4**	**18.9**	**52.3**	**0.1**	**52.5**
Illinois	15.3	9.7	25.0	a.	25.0
Indiana	2.8	2.3	5.1	a.	5.1
Michigan	8.1	1.3	9.3	a.	9.3
Ohio	2.0	4.5	6.5	0.1	6.6
Wisconsin	5.2	1.2	6.4	a.	6.4
West North Central	**10.8**	**11.7**	**22.4**	**1.2**	**23.7**
Iowa	1.2	0.3	1.5	a.	1.6
Kansas	3.3	3.3	6.6	1.1	7.7
Minnesota	1.9	0.2	2.1	a.	2.1
Missouri	3.0	0.5	3.5	a.	3.5
Nebraska	0.7	7.2	7.9	a.	7.9
North Dakota	0.3	a.	0.3	a.	0.3
South Dakota	0.5	0.1	0.6	a.	0.6
South Atlantic	**5.4**	**3.5**	**8.9**	**0.1**	**9.1**
Delaware	a.	0.1	0.1	a.	0.1
District of Columbia	0.0	0.0	0.0	0.0	0.0
Florida	0.1	0.4	0.5	a.	0.6
Georgia	0.9	1.3	2.2	a.	2.2
Maryland	0.8	0.4	1.2	a.	1.3
North Carolina	1.5	0.9	2.5	0.0	2.5
South Carolina	1.1	0.2	1.3	a.	1.3
Virginia	0.8	0.2	1.1	a.	1.1
West Virginia	a.	0.1	0.1	a.	0.1
East South Central	**7.0**	**1.2**	**8.2**	**0.1**	**8.3**
Alabama	2.6	0.2 2.9		a.	2.9
Kentucky	1.2	0.6	1.7	a.	1.7
Mississippi	0.8	0.1	0.9	0.1	1.0
Tennessee	2.3	0.4	2.7	a.	2.7
West South Central	**3.6**	**2.5**	**6.1**	**7.4**	**13.5**
Arkansas	0.6	0.2	0.7	0.3	1.1
Louisiana	0.5	0.1	0.6	0.4	0.9
Oklahoma	1.2	1.0	2.2	0.5	2.7
Texas	1.2	1.3	2.6	6.2	8.8
Mountain	**2.4**	**5.8**	**8.1**	**0.1**	**8.2**
Arizona	0.3	0.1	0.4	a.	0.4
Colorado	0.9	5.3	6.2	a.	6.2
Idaho	0.1	0.1	0.2	a.	0.2
Montana	0.3	0.1	0.4	a.	0.4
Nevada	0.2	a.	0.2	a.	0.2
New Mexico	0.4	a.	0.4	a.	0.4
Utah	0.2	0.1	0.3	a.	0.3
Wyoming	0.1	a.	0.1	a.	0.1
Pacific	**37.8**	**4.6**	**42.4**	**a.**	**42.5**
Alaska	a.	a. a.		0.0	a.
California	33.9	4.1	38.0	a.	38.0
Hawaii	a.	0.0	0.0	0.0	0.0
Oregon	0.8	0.2	1.0	a.	1.1
Washington	3.1	0.3	3.4	a.	3.4

a Less than 50

TABLE 8-8
GAS INDUSTRY END USERS BY COMPANY TYPE AND CLASS OF SERVICE
2003-2010
(Thousands)

	2004	2005	2006	2007	2008	2009	2010
INVESTOR-OWNED	**61,098**	**61,841**	**63,304**	**64,343**	**65,881**	**66,102**	**66,281**
Residential	56,359	57,075	58,414	59,373	60,811	61,801	61,214
Commercial	4,543	4,574	4,702	4,788	4,886	4,910	4,890
Industrial	191	188	184	180	180	188	174
MUNICIPAL	**4,883**	**4,809**	**4,875**	**5,968**	**4,601**	**4,587**	**4,579**
Residential	4,447	4,389	4,448	5,448	4,190	4,179	4,173
Commercial	421	410	417	508	399	398	396
Industrial	14	10	10	12	12	10	10
PIPELINE	**377**	**392**	**403**	**103**	**100**	**127**	**124**
Residential	335	350	361	93	90	108	105
Commercial	38	39	39	8	8	10	10
Industrial	3	3 3		2	2	8	8
OTHER	**1,465**	**1,747**	**1,283**	**16**	**179**	**33**	**34**
Residential	1,328	1,588	1,163	14	163	29	29
Commercial	133	155	117	1	14	4	4
Industrial	4	4 3		1	2	1	1

NOTE: Totals include electric generation, natural gas fueling and other customers.
Data by company type may not be directly comparable from year to year due to acquisitions and mergers.

SECTION 9
PRICES

	2010	% Change 2010/2009
GAS INDUSTRY AVERAGE PRICES (Nominal $/MMBtu)	9.13	- 5.4
Residential	10.81	- 6.1
Commercial	9.00	- 7.3
Industrial	5.32	+ 2.9
Electric Generation	4.68	+ 7.3
Other	6.06	- 23.2

Prices in this section, unless cited as a source other than A.G.A., were developed using the following methodology. Total revenues for a specific segment and time period are divided by the corresponding total sales for that specific segment and time period. For example, the 2008 average residential price for the state of New York was obtained by dividing total 2008 residential revenues in New York by total 2008 residential sales in New York. Likewise, the 2008 average residential price for the United States was obtained by dividing total 2008 residential revenues in the United States by total 2008 residential sales in the United States.

TABLE 9-1
AVERAGE GAS PRICES BY CLASS OF SERVICE
1996-2010
(Nominal $/MMBtu)

Year	TOTAL	Residential	Commercial	Industrial	Electric Utility
1996	5.24	6.18	5.26	3.33	2.52
1997	5.64	6.76	5.64	3.49	2.63
1998	5.36	6.64	5.34	3.06	2.13
1999	5.26	6.51	5.19	3.04	2.25
2000	6.42	7.56	6.42	4.38	3.68
2001	7.98	9.38	8.20	5.14	3.69
2002	6.44	7.64	6.57	3.91	3.57
2003	8.13	9.25	8.17	5.67	5.16
2004	9.13	10.37	9.01	6.37	7.56
2005	10.95	12.33	11.02	8.31	7.73
2006	11.18	13.11	11.58	7.62	6.47
2007	10.77	12.46	10.93	7.44	6.52
2008	11.94	13.26	11.75	9.37	8.81
2009	9.65	11.51	9.71	5.17	4.36
2010	9.13	10.81	9.00	5.32	4.68

TABLE 9-2
AVERAGE GAS PRICES BY STATE
2004-2010
(Nominal $/MMBtu)

Division and State	2004	2005	2006	2007	2008	2009	2010
UNITED STATES	**9.13**	**10.95**	**11.18**	**10.77**	**11.94**	**9.65**	**9.13**
New England	**12.72**	**14.15**	**15.68**	**15.06**	**15.68**	**13.38**	**13.02**
Connecticut	11.95	13.85	14.51	13.55	14.95	11.68	11.81
Maine	12.26	14.41	15.74	14.89	15.76	13.91	12.05
Massachusetts	13.31	14.56	16.38	15.83	16.11	13.77	13.36
New Hampshire	13.30	13.84	15.04	15.44	15.61	14.35	13.18
Rhode Island	12.33	13.83	16.42	15.54	15.89	15.92	15.35
Vermont	8.62	9.82	11.38	12.57	13.97	12.83	11.60
Middle Atlantic	**11.03**	**13.01**	**13.87**	**13.66**	**14.79**	**13.19**	**11.89**
New Jersey	10.59	12.41	13.49	13.04	13.99	12.48	11.26
New York	10.96	13.13	13.16	14.06	15.09	13.43	12.34
Pennsylvania	11.60	13.52	15.54	13.70	15.17	13.61	11.93
East North Central	**8.98**	**11.03**	**11.49**	**10.71**	**11.82**	**9.74**	**9.31**
Illinois	9.02	11.09	10.70	10.28	11.56	8.59	8.90
Indiana	9.11	11.32	11.90	10.39	11.67	9.73	7.85
Michigan	8.07	10.02	11.36	10.49	11.32	10.65	10.62
Ohio	10.32	12.71	13.65	12.39	13.89	11.03	9.68
Wisconsin	9.10	10.74	10.83	10.73	11.58	9.52	9.03
West North Central	**9.06**	**10.77**	**11.17**	**10.67**	**11.01**	**9.05**	**8.66**
Iowa	9.14	11.18	11.06	10.58	10.79	8.58	8.39
Kansas	9.95	11.30	12.01	11.88	12.12	10.06	9.64
Minnesota	8.39	10.02	10.23	9.91	10.34	7.89	7.60
Missouri	10.29	11.90	13.27	12.38	12.45	11.55	10.67
Nebraska	8.05	9.68	9.99	9.73	10.06	8.08	7.69
North Dakota	7.57	10.37	9.06	7.94	9.17	7.20	6.75
South Dakota	8.34	10.41	9.94	9.28	10.03	7.76	7.51
South Atlantic	**10.67**	**13.24**	**13.93**	**13.29**	**14.37**	**12.02**	**10.84**
Delaware	10.78	13.24	15.40	14.50	14.72	16.49	13.87
District of Columbia	13.70	16.18	16.26	15.04	15.89	13.37	12.99
Florida	13.04	15.36	16.38	15.27	16.35	14.17	13.16
Georgia	9.26	11.73	11.84	11.02	12.70	9.17	8.86
Maryland	11.90	14.16	15.12	14.06	15.09	12.38	11.39
North Carolina	10.36	13.44	14.49	13.33	14.67	12.40	10.94
South Carolina	9.07	11.65	11.78	12.14	13.32	10.12	9.37
Virginia	11.28	13.73	14.03	13.45	14.51	11.87	11.01
West Virginia	10.02	12.13	14.06	13.05	13.37	13.30	10.21
East South Central	**9.36**	**11.83**	**12.84**	**11.66**	**12.95**	**10.67**	**9.49**
Alabama	10.43	12.56	14.13	13.28	14.18	12.43	11.69
Kentucky	9.77	11.90	12.60	10.78	12.65	10.28	8.54
Mississippi	8.01	10.68	11.76	10.74	12.24	9.41	8.69
Tennessee	9.16	11.93	12.60	11.57	12.62	10.26	9.04
West South Central	**7.28**	**8.76**	**7.95**	**7.88**	**9.87**	**5.96**	**6.28**
Arkansas	10.03	11.68	12.10	11.34	12.46	11.79	10.07
Louisiana	7.30	9.53	8.26	7.96	10.23	6.26	6.39
Oklahoma	9.44	10.82	11.60	10.59	11.15	9.76	9.47
Texas	7.00	8.34	7.50	7.54	9.60	5.36	5.84
Mountain	**8.38**	**9.89**	**10.91**	**10.00**	**10.29**	**9.41**	**8.69**
Arizona	10.28	10.86	12.80	14.00	14.16	13.68	12.56
Colorado	7.82	9.60	9.74	8.19	9.17	8.09	7.67
Idaho	8.52	10.01	11.59	10.83	10.45	9.96	8.41
Montana	8.87	10.37	10.87	9.55	11.05	9.19	8.32
Nevada	8.60	10.44	12.06	11.62	10.94	10.75	9.66
New Mexico	8.63	10.14	11.43	10.88	11.23	8.50	8.57
Utah	7.38	8.84	10.07	8.56	8.26	8.15	7.45
Wyoming	7.71	9.46	10.47	8.00	9.20	8.37	7.64
Pacific	**8.70**	**10.34**	**10.59**	**10.66**	**11.74**	**9.60**	**9.38**
Alaska	3.56	3.62	4.79	6.24	6.89	8.06	6.78
California	9.15	11.08	10.67	10.42	12.02	8.60	9.02
Hawaii	20.57	24.33	27.76	26.78	36.90	28.93	35.35
Oregon	9.24	10.50	12.48	12.56	11.97	12.61	10.65
Washington	9.22	10.84	11.97	12.53	11.95	12.87	11.13

TABLE 9-3
AVERAGE GAS PRICES BY STATE AND CLASS OF SERVICE – 2010
(Nominal $/MMBtu)

Division and State	TOTAL	Residential	Commercial	Industrial	Electric Utility
UNITED STATES	**9.13**	**10.81**	**9.00**	**5.32**	**4.68**
New England	**13.02**	**14.37**	**11.15**	**9.92**	**5.15**
Connecticut	11.81	14.47	9.25	9.30	5.00
Maine	12.05	13.70	11.35	10.88	n.a.
Massachusetts	13.36	14.08	11.82	11.18	6.84
New Hampshire	13.18	14.01	12.33	11.23	n.a.
Rhode Island	15.35	15.97	14.01	11.75	n.a.
Vermont	11.60	15.64	11.45	6.37	5.58
Middle Atlantic	**11.89**	**12.83**	**10.11**	**8.40**	**5.78**
New Jersey	11.26	12.38	9.79	9.33	5.79
New York	12.34	13.44	9.75	8.29	4.87
Pennsylvania	11.93	12.42	10.94	7.97	6.30
East North Central	**9.31**	**9.73**	**8.62**	**7.09**	**4.82**
Illinois	8.90	9.10	8.49	6.91	5.50
Indiana	7.85	8.36	7.31	5.47	7.20
Michigan	10.62	10.97	9.69	8.97	16.42
Ohio	9.68	9.96	9.04	7.17	8.34
Wisconsin	9.03	10.02	8.27	7.32	4.69
West North Central	**8.66**	**9.61**	**8.04**	**5.80**	**4.84**
Iowa	8.39	9.27	7.57	5.91	5.75
Kansas	9.64	10.21	9.32	5.33	4.33
Minnesota	7.60	8.49	7.37	5.41	4.65
Missouri	10.67	11.30	9.96	8.43	4.77
Nebraska	7.69	8.67	6.86	5.67	4.36
North Dakota	6.75	7.83	6.81	5.06	8.19
South Dakota	7.51	8.50	6.91	5.74	4.84
South Atlantic	**10.84**	**12.41**	**10.19**	**6.36**	**6.47**
Delaware	13.87	14.65	12.85	9.86	n.a.
District of Columbia	12.99	13.11	12.59	n.a.	n.a.
Florida	13.16	17.30	11.23	8.08	6.73
Georgia	8.86	11.80	10.38	6.05	5.25
Maryland	11.39	11.82	10.11	8.77	7.39
North Carolina	10.94	12.12	9.86	7.98	5.76
South Carolina	9.37	12.62	10.02	5.92	5.91
Virginia	11.01	12.25	9.57	6.47	13.79
West Virginia	10.21	11.03	9.95	5.23	n.a.
East South Central	**9.49**	**11.09**	**9.48**	**6.20**	**10.51**
Alabama	11.69	15.32	12.94	6.46	5.55
Kentucky	8.54	9.71	8.35	5.40	11.74
Mississippi	8.69	9.88	8.48	6.00	n.a.
Tennessee	9.04	10.14	9.10	6.43	n.a.
West South Central	**6.28**	**10.71**	**8.14**	**4.49**	**4.45**
Arkansas	10.07	11.17	8.61	7.05	n.a.
Louisiana	6.39	11.36	9.57	4.52	4.25
Oklahoma	9.47	10.79	9.48	8.13	4.40
Texas	5.84	10.48	7.66	4.47	4.45
Mountain	**8.69**	**9.34**	**7.99**	**6.52**	**6.64**
Arizona	12.56	15.38	10.38	7.31	5.49
Colorado	7.67	7.88	7.35	5.65	10.27
Idaho	8.41	8.68	7.96	6.19	n.a.
Montana	8.32	8.37	8.27	7.82	5.49
Nevada	9.66	11.87	9.47	10.20	6.74
New Mexico	8.57	9.34	7.24	5.98	5.24
Utah	7.45	7.97	6.62	5.40	4.66
Wyoming	7.64	8.31	6.91	4.76	n.a.
Pacific	**9.38**	**10.04**	**8.93**	**6.94**	**4.23**
Alaska	6.78	8.62	8.51	4.10	4.23
California	9.02	9.61	8.04	6.80	4.24
Hawaii	35.35	43.12	35.42	23.35	n.a.
Oregon	10.65	12.11	9.78	6.83	n.a.
Washington	11.13	11.86	10.17	9.08	n.a.

n.a. – not applicable

TABLE 9-4
AVERAGE RESIDENTIAL GAS PRICES BY STATE
2004-2010
(Nominal $/MMBtu)

	2004	2005	2006	2007	2008	2009	2010
UNITED STATES	**10.37**	**12.33**	**13.11**	**12.46**	**13.26**	**11.51**	**10.81**
New England	**13.74**	**15.03**	**17.01**	**16.27**	**16.75**	**14.68**	**14.37**
Connecticut	13.65	15.76	17.16	15.88	17.30	14.38	14.47
Maine	13.59	15.70	17.34	16.37	16.93	15.95	13.70
Massachusetts	13.99	14.98	17.11	16.46	16.61	14.42	14.08
New Hampshire	14.10	14.54	15.88	16.19	16.22	14.89	14.01
Rhode Island	12.85	14.36	17.03	16.14	16.36	16.56	15.97
Vermont	10.71	11.84	13.74	15.50	17.75	16.79	15.64
Middle Atlantic	**11.86**	**13.86**	**14.93**	**14.47**	**15.63**	**14.28**	**12.83**
New Jersey	11.22	13.03	14.41	14.00	14.68	14.07	12.38
New York	12.18	14.41	14.62	15.02	16.27	14.52	13.44
Pennsylvania	11.99	13.84	15.97	14.11	15.64	14.14	12.42
East North Central	**9.26**	**11.34**	**11.84**	**11.03**	**12.15**	**10.09**	**9.73**
Illinois	9.13	11.24	10.83	10.43	11.70	8.72	9.10
Indiana	9.69	11.76	12.66	10.94	12.26	10.50	8.36
Michigan	8.27	10.24	11.60	10.72	11.56	10.94	10.97
Ohio	10.52	12.95	13.96	12.65	14.14	11.30	9.96
Wisconsin	9.86	11.58	11.80	11.65	12.41	10.44	10.02
West North Central	**9.83**	**11.52**	**12.20**	**11.63**	**11.75**	**10.05**	**9.61**
Iowa	9.85	11.93	12.04	11.40	11.54	9.54	9.27
Kansas	10.41	11.73	12.78	12.57	12.59	10.78	10.21
Minnesota	9.22	10.89	11.30	10.80	10.94	8.73	8.49
Missouri	10.70	12.30	13.81	13.01	12.95	12.24	11.30
Nebraska	8.80	10.37	10.95	10.81	10.77	9.07	8.67
North Dakota	8.77	11.06	10.47	8.85	10.02	8.21	7.83
South Dakota	9.24	11.34	10.76	10.16	10.97	8.88	8.50
South Atlantic	**12.41**	**14.79**	**16.17**	**15.18**	**15.85**	**13.86**	**12.41**
Delaware	11.72	14.15	16.41	15.71	15.57	17.27	14.65
District of Columbia	13.90	16.37	16.44	15.19	15.98	13.51	13.11
Florida	17.24	19.51	20.81	19.91	20.45	19.63	17.30
Georgia	11.48	13.84	15.35	14.19	14.98	12.82	11.80
Maryland	12.34	14.60	15.63	14.49	15.49	12.71	11.82
North Carolina	12.33	14.93	16.40	15.21	16.06	13.83	12.12
South Carolina	11.65	14.41	16.82	16.70	16.32	14.48	12.62
Virginia	12.66	14.93	15.63	14.85	15.75	13.24	12.25
West Virginia	10.59	12.63	15.25	14.14	14.06	14.32	11.03
East South Central	**11.01**	**13.48**	**15.01**	**13.53**	**14.45**	**12.82**	**11.09**
Alabama	12.95	15.36	18.21	17.57	17.73	17.59	15.32
Kentucky	10.65	12.71	13.70	11.67	13.41	11.61	9.71
Mississippi	10.26	12.93	14.20	12.62	13.53	10.90	9.88
Tennessee	10.29	13.11	14.29	13.01	13.76	11.81	10.14
West South Central	**10.29**	**12.19**	**13.04**	**11.98**	**13.27**	**11.33**	**10.71**
Arkansas	11.39	13.26	13.71	12.68	13.65	13.00	11.17
Louisiana	10.89	12.86	14.21	13.75	15.01	12.77	11.36
Oklahoma	9.93	11.33	12.99	11.69	11.94	11.05	10.79
Texas	10.07	12.12	12.70	11.63	13.32	10.86	10.48
Mountain	**9.11**	**10.59**	**11.65**	**10.63**	**10.90**	**10.11**	**9.34**
Arizona	14.47	13.15	15.82	16.67	17.06	17.13	15.38
Colorado	8.23	9.99	10.12	8.56	9.47	8.54	7.88
Idaho	8.78	10.28	11.87	11.11	10.73	10.23	8.68
Montana	8.93	10.39	10.92	9.60	11.10	9.22	8.37
Nevada	9.76	12.10	13.86	13.73	12.92	12.80	11.87
New Mexico	9.29	10.82	12.25	11.62	11.85	9.25	9.34
Utah	7.89	9.43	10.68	9.14	8.72	8.69	7.97
Wyoming	8.40	10.21	11.25	8.56	9.84	9.12	8.31
Pacific	**9.53**	**11.41**	**11.64**	**11.62**	**12.37**	**10.15**	**10.04**
Alaska	4.74	5.56	6.63	8.41	8.45	9.94	8.62
California	9.57	11.51	11.43	11.21	12.36	9.15	9.61
Hawaii	26.35	30.04	34.18	32.99	43.19	35.31	43.12
Oregon	10.78	12.52	14.08	14.20	13.46	14.10	12.11
Washington	9.62	11.46	12.95	13.43	12.66	13.55	11.86

TABLE 9-5
AVERAGE RESIDENTIAL GAS BILLS BY STATE
2004-2010
(Nominal $/MMBtu)

	2004	2005	2006	2007	2008	2009	2010
UNITED STATES	**808**	**935**	**897**	**909**	**992**	**837**	**783**
New England	**1,239**	**1,399**	**1,355**	**1,418**	**1,407**	**1,263**	**1,163**
Connecticut	1,306	1,504	1,424	1,446	1,539	1,301	1,269
Maine	890	998	937	1,030	983	1,016	825
Massachusetts	1,244	1,409	1,360	1,437	1,389	1,240	1,124
New Hampshire	1,162	1,235	1,164	1,301	1,206	1,141	1,021
Rhode Island	1,153	1,259	1,318	1,317	1,333	1,359	1,239
Vermont	1,074	1,141	1,196	1,468	1,567	1,478	1,306
Middle Atlantic	**1,101**	**1,268**	**1,194**	**1,292**	**1,374**	**1,259**	**1,088**
New Jersey	1,036	1,192	1,139	1,264	1,284	1,249	1,057
New York	1,107	1,279	1,172	1,325	1,427	1,277	1,121
Pennsylvania	1,159	1,327	1,289	1,270	1,387	1,243	1,071
East North Central	**977**	**1,163**	**1,085**	**1,084**	**1,266**	**1,000**	**920**
Illinois	1,042	1,232	1,096	1,141	1,372	971	964
Indiana	931	1,049	997	959	1,155	902	712
Michigan	961	1,176	1,160	1,127	1,272	1,150	1,073
Ohio	999	1,250	1,163	1,114	1,297	1,021	898
Wisconsin	875	983	911	966	1,093	865	769
West North Central	**866**	**980**	**932**	**966**	**1,072**	**872**	**813**
Iowa	826	973	895	921	1,029	787	744
Kansas	815	916	873	953	1,071	922	904
Minnesota	943	1,057	975	1,024	1,114	842	754
Missouri	898	1,004	1,004	1,007	1,127	994	929
Nebraska	724	810	815	870	936	744	709
North Dakota	896	1,068	894	827	991	798	689
South Dakota	789	906	797	796	927	739	662
South Atlantic	**838**	**976**	**911**	**908**	**963**	**854**	**826**
Delaware	943	1,099	1,092	1,118	1,076	1,200	1,019
District of Columbia	1,277	1,466	1,160	1,239	1,282	1,099	1,070
Florida	442	494	499	453	484	456	495
Georgia	673	794	781	710	808	682	752
Maryland	1,003	1,164	1,025	1,107	1,147	954	904
North Carolina	841	989	936	861	967	849	835
South Carolina	667	782	780	762	813	716	740
Virginia	994	1,167	1,016	1,070	1,109	979	940
West Virginia	924	1,035	1,162	1,114	1,150	1,123	894
East South Central	**700**	**849**	**838**	**768**	**900**	**763**	**740**
Alabama	725	825	865	808	873	833	858
Kentucky	797	938	867	800	1,007	816	716
Mississippi	573	731	720	657	751	601	633
Tennessee	667	853	846	761	908	742	717
West South Central	**552**	**634**	**600**	**626**	**692**	**572**	**621**
Arkansas	735	825	801	767	904	799	760
Louisiana	509	602	565	600	651	540	598
Oklahoma	695	787	803	784	883	767	796
Texas	504	580	536	577	630	507	571
Mountain	**626**	**711**	**753**	**710**	**751**	**664**	**623**
Arizona	467	464	541	589	600	542	528
Colorado	682	838	799	731	815	700	653
Idaho	648	759	867	831	906	786	620
Montana	774	883	892	792	977	810	701
Nevada	566	659	747	719	680	672	632
New Mexico	646	699	720	734	747	551	607
Utah	701	758	877	734	747	720	661
Wyoming	765	888	968	745	892	787	710
Pacific	**541**	**610**	**624**	**620**	**659**	**529**	**522**
Alaska	851	953	1,256	1,491	1,570	1,702	1,373
California	507	566	561	544	591	429	462
Hawaii	541	609	703	670	868	728	893
Oregon	719	819	921	945	928	963	747
Washington	759	899	1,011	1,083	1,054	1,108	866

TABLE 9-6
AVERAGE RESIDENTIAL GAS CONSUMPTION AND COST
1996-2010

Year	Consumption (MMBtu/Customer)	Annual Bill ($/Customer)	Price ($/MMBtu)
1996	96.6	597	6.18
1997	90.4	611	6.76
1998	80.2	533	6.64
1999	82.5	537	6.51
2000	83.9	634	7.56
2001	79.8	749	9.38
2002	80.1	612	7.64
2003	81.7	755	9.25
2004	77.9	808	10.37
2005	75.8	935	12.33
2006	68.5	897	13.11
2007	73.0	909	12.46
2008	72.5	992	13.26
2009	72.7	837	11.51
2010	72.5	783	10.81

SECTION 10
APPLIANCE AND HOUSING DATA

Natural Gas Appliances	Market Share (%)	Annual Consumption per Appliance (Mcf)
Furnaces	51	60.8
Ranges	35	5.0
Water Heaters	51	21.7
Clothes Dryers	21	5.1
Gas Fireplaces	n.a.	8.6

TABLE 10-1
ANNUAL GAS CONSUMPTION PER APPLIANCE BY REGION
2010
(Mcf)

Division	Furnace	Water Heater	Range	Clothes Dryer	Gas Fireplaces
UNITED STATES	**60.8**	**21.7**	**5.0**	**5.1**	**8.6**
New England	81.2	26.2	6.8	6.3	9.5
Middle Atlantic	79.0	20.1	5.7	5.7	7.9
East North Central	70.4	22.6	7.1	6.5	10.6
West North Central	56.6	22.8	4.6	4.6	4.9
South Atlantic	52.8	19.5	3.8	5.0	6.2
East South Central	48.6	19.4	4.3	5.0	9.0
West South Central	27.0	20.5	3.5	3.5	5.0
Mountain	51.0	26.0	3.0	3.0	6.0
Pacific	39.6	18.2	2.8	2.8	18.3

Source: American Gas Association, *Residential Natural Gas Market Survey*, January 2012

TABLE 10-2
NATURAL GAS APPLIANCE MARKET SHARE
2001-2009
(Percent)

Appliances	2001	2003	2005	2007	2009
Gas Furnaces – United States	**52%**	**52%**	**52%**	**51%**	**51%**
Northeast	46	47	48	47	49
Midwest	71	72	71	71	70
South	35	35	34	33	32
West	64	65	65	65	66
Gas Ranges – United States	**35%**	**36%**	**35%**	**35%**	**35%**
Northeast	48	49	49	48	49
Midwest	38	38	37	38	36
South	22	22	21	22	22
West	42	44	44	45	47
Gas Water Heaters – United States	**51%**	**52%**	**52%**	**51%**	**51%**
Northeast	49	50	50	50	51
Midwest	66	66	66	66	65
South	33	33	33	32	32
West	68	69	69	70	70
Gas Clothes Dryers – United States	**22%**	**22%**	**21%**	**21%**	**21%**
Northeast	28	28	29	28	29
Midwest	31	31	30	30	29
South	8	8 7 7 7			
West	31	32	32	33	33

Source: American Gas Association, *Residential Natural Gas Market Survey*, January 2012

TABLE 10-3
PRIVATE HOUSING COMPLETIONS BY CENSUS REGION AND HEATING FUEL
2010
(Thousands of Units)

	Share	U. S.	Northeast	Midwest	South	West
Single-Family	**100%**	**496**	**54**	**82**	**258**	**103**
Natural Gas[a]	54%	268	42	58	85	82
Electricity	43%	216	6	21	171	18
Oil	1%	5	4	S	Z	Z
Other	2%	8	2	2	2	3
Multi-Family	**100%**	**155**	**26**	**25**	**59**	**45**
Natural Gas[a]	35%	55	22	9	3	21
Electricity	62%	97	4	15	56	21
Oil	Z	Z	Z	0	0	0
Other	S	S S S S				
TOTAL HOUSING	**100%**	**651**	**80**	**107**	**317**	**148**
Natural Gas[a]	50%	323	64	67	88	103
Electricity	48%	313	10	36	227	39
Oil	1%	5	4	Z	Z	Z
Other	1%	8	2	2	2	3

[a]Includes liquified petroleum gas
S – Did not meet publication standards on the basis of response rate, associated standard error or consistency review.
Z – Less than 500 units
NOTE: Some totals are affected by rounding.
Source: U.S. Bureau of the Census, *Characteristics of New Housing 2010*

TABLE 10-4
MARKET SHARE OF PRIVATE HOUSING COMPLETIONS BY HEATING FUEL
1990-2010
(Percent)

	1990	1995	2000	2005	2009	2010
Single-Family						
Natural Gas[a]	59%	67%	70%	66%	55%	54%
Electricity	33	28	27	31	42	43
Oil	5	3	3	2	1	1
Other	3	1	1	1	2	2
Multi-Family						
Natural Gas[a]	44	47	45	43	36	35
Electricity	53	51	54	55	62	62
Oil	2	1	S	2	Z	Z
Other	2	1	S	S	S	S
Combined						
Natural Gas[a]	55	63	65	63	49	50
Electricity	38	33	32	35	49	48
Oil	4	3	2	2	1	1
Other	3	1	1	0	1	1

[a]Includes liquified petroleum gas
S – Did not meet publication standards on the basis of response rate, associated standard error or consistency review.
Z – Less than 500 units
NOTE: Some totals are affected by rounding.
Source: U.S. Bureau of the Census, *Characteristics of New Housing 2010*

TABLE 10-5

NUMBER OF OCCUPIED HOUSING UNITS[a] BY TYPE OF HEATING FUEL AND CENSUS REGION
1993-2009
(Thousands of Occupied Units)

Year and Region	TOTAL	Natural Gas	Electricity	Oil[b]	Other/None[c]
1993					
United States	**93,813**	**47,669**	**25,170**	**12,189**	**8,848**
Northeast	18,868	8,120	2,010	7,688	1,050
Midwest	22,986	15,983	3,154	1,496	2,353
South	32,581	11,744	14,711	2,299	3,827
West	19,378	11,821	5,232	705	1,620
1995					
United States	**96,650**	**49,203**	**26,771**	**12,029**	**8,647**
Northeast	19,162	8,287	2,034	7,757	1,083
Midwest	23,632	16,481	3,312	1,449	2,388
South	33,778	11,977	16,140	2,129	3,533
West	20,078	12,458	5,285	693	1,642
1997					
United States	**99,487**	**51,052**	**29,202**	**10,101**	**9,132**
Northeast	19,487	8,706	2,155	7,562	1,061
Midwest	23,951	16,857	3,641	987	2,466
South	34,808	12,423	17,314	1,252	3,819
West	21,245	13,066	6,092	300	1,847
1999					
United States	**102,803**	**52,366**	**31,142**	**10,026**	**9,269**
Northeast	19,958	8,951	2,284	7,523	1,200
Midwest	24,360	17,020	3,750	998	2,592
South	36,389	12,737	18,683	1,187	3,782
West	22,096	13,659	6,426	318	1,693
2001					
United States	**106,261**	**54,689**	**32,590**	**9,821**	**9,161**
Northeast	20,321	9,295	2,698	7,504	824
Midwest	24,758	17,610	3,741	850	2,557
South	38,068	13,212	20,035	1,168	3,653
West	23,115	14,572	6,545	298	1,700
2003					
United States	**105,842**	**54,928**	**32,341**	**9,501**	**9,072**
Northeast	20,133	9,449	2,152	7,332	1,200
Midwest	24,488	17,582	3,591	792	2,523
South	38,145	13,152	20,261	1,090	3,642
West	23,077	14,745	6,338	287	1,707
2005					
United States	**108,473**	**56,317**	**34,263**	**9,929**	**7,964**
Northeast	20,333	9,699	2,086	7,577	971
Midwest	24,935	17,785	3,835	766	2,549
South	39,626	13,441	21,798	1,313	3,074
West	23,579	15,391	6,544	274	1,370
2007					
United States	**110,215**	**56,681**	**36,079**	**9,317**	**8,137**
Northeast	20,369	9,601	2,294	7,216	1,258
Midwest	25,260	18,004	4,001	638	2,618
South	40,522	13,388	23,033	1,218	2,884
West	24,064	15,688	6,752	244	1,380
2009					
United States	**111,420**	**56,806**	**37,851**	**8,214**	**8,549**
Northeast	20,451	9,941	2,448	6,613	1,446
Midwest	25,368	17,720	4,362	564	2,720
South	41,586	13,355	24,280	844	3,048
West	24,401	15,791	6,761	192	1,335

[a]Units include both single-family and multi-family.
[b]Oil includes kerosene.
[c]Other includes LP gas, coal, wood and solar heat.
Source: U.S. Bureau of the Census, Current Housing Reports, Series H-150-09. *Annual Housing Survey: 2009* Part A: General Housing Characteristics. Publication name changed to *American Housing Survey* in 1990.

SECTION 11
INCOME ACCOUNTS, BALANCE SHEETS AND ANALYTICAL RATIOS

	2010
Natural Gas Industry Operating Revenues (Millions)	**$84,362**
Distribution	44,624
Transmission	12,188
Integrated	2,295
Combination	25,255
Industry Net Income (Millions)	**$8,620**
Distribution	3,124
Transmission	3,893
Integrated	187
Combination	1,416
Investor-Owned Gas Utility Plant (Millions)	**$233,532**
Distribution	89,309
Transmission	81,599
Integrated	4,770
Combination	57,854
Industry Common Equity (Millions)	**$75,399**
Distribution	29,831
Transmission	26,816
Integrated	1,510
Combination	17,242

TABLE 11-1
COMPOSITE INCOME ACCOUNTS
GAS INDUSTRY INVESTOR-OWNED UTILITY DISTRIBUTION COMPANIES
1995-2010[a]
(Millions)

	1995	2000	2005	2008	2009	2010
TOTAL OPERATING REVENUES	**$19,421**	**$34,696**	**$51,022**	**$56,092**	**$44,937**	**$44,624**
Operation Expenses	13,575	26,271	41,114	45,075	33,372	31,146
Maintenance Expenses	596	821	886	1,073	999	1,079
OPERATION & MAINTENANCE EXPENSES	**14,170**	**27,093 42,**	**000**	**46,148 34,**	**371**	**32,225**
Depreciation, Retirements, Depletion, etc.	1,344	2,094	1,580	2,733	2,721	2,807
Federal Income Taxes	534	454	733	214	(193)	109
Provision for Deferred Federal Income Taxes	229	775	1,117	1,828	1,876	2,153
Portion of Current Federal Income Taxes Provided for in Prior Years	170	396	962	1,023	637	980
Investment Tax Credit Adjustment	(21)	24	21	27	16	15
Other Federal Taxes	147	174	163	168	169	181
State Income Taxes	91	82	149	142	103	39
Other State and Local Taxes	1,077	1,801	2,011	1,916	1,876	1,846
Total Taxes	1,888	2,916	3,231	3,273	3,210	3,361
TOTAL OPERATING EXPENSES	**17,402**	**32,103**	**46,811**	**52,155**	**40,302**	**38,392**
Operating Income	2,019	2,593	4,211	3,938	4,635	4,232
Other Operating Income	(1)	(1)	(7)	19	18	72
Allowance for Funds Used During Construction	26	37	24	70	71	59
Utility Operating Income	2,043	2,630 4,	228	4,027 4,	723	4,362
Other Income (Non-Operating) (Net)	116	161	418	138	223	249
Income Before Interest Charges	2,160	2,790	4,646	4,165	4,947	4,612
Interest on Long-Term Debt	789	1,015	1,204	1,158	1,162	1,138
Amortization of Debt Disc. Exp. and Premium	14	27	34	41	39	42
Other Interest Expense (Net)	154	339	291	405	325	291
TOTAL INTEREST CHARGES	**956**	**1,381**	**1,530**	**1,604**	**1,527**	**1,472**
Net Income Before Extraordinary Items	1,203	1,409	3,116	2,561	3,420	3,140
Extraordinary Items, Less Taxes	(19)	42	(1)	16	(14)	(16)
Net Income	1,184	1,451	3,116	2,577	3,406	3,124
Preferred Dividends	37	10	23	14	3	3
Common Dividends	914	1,180	1,383	1,453	1,203	1,385
Number of Companies Reporting	44	40	44	49	50	54
Op. Rev. of Companies Reporting (Millions)	$17,237	$20,357	$38,538	$49,667	$40,141	$37,940

[a] AGA has revised the database used to develop this financial data table, which identifies companies by type (e.g., distribution, integrated or transmission). In particular, company reclassification from integrated to distribution type has resulted in numerous additions to the distribution company sample. Company types are defined in the glossary of this publication.
[b] Less than $500,000
( ) Denotes negative number

TABLE 11-2
COMPOSITE INCOME ACCOUNTS
GAS INDUSTRY INVESTOR-OWNED TRANSMISSION COMPANIES
1995-2010
(Millions)

	1995	2000	2005	2008	2009	2010
TOTAL OPERATING REVENUES	**$12,092**	**$10,404**	**$16,547**	**$18,186**	**$13,127**	**$12,188**
Operation Expenses	6,121	4,880	6,077	6,529	4,166	3,919
Maintenance Expenses	558	292	548	702	532	473
OPERATION & MAINTENANCE EXPENSES	6,680	5,172	6,624	7,231	4,698	4,392
Depreciation, Retirements, Depletion, etc.	1,272	1,114	851	2,236	1,746	1,687
Federal Income Taxes	852	713	1,503	1,442	847	709
Provision for Deferred Federal Income Taxes	1,905	835	2,284	2,294	1,936	1,450
Portion of Current Federal Income Taxes Provided for in Prior Years	1,814	569	1,840	1,400	968	723
Investment Tax Credit Adjustment	18	0	a	a	a	a
Other Federal Taxes	89	51	100	76	50	51
State Income Taxes	66	99	22	220	149	192
Other State and Local Taxes	468	442	791	806	631	609
Total Taxes	1,582	1,570	2,861	3,437	2,646	2,289
TOTAL OPERATING EXPENSES	**9,534**	**7,856**	**10,336**	**12,904**	**9,091**	**8,368**
Operating Income	2,558	2,548	6,211	5,281	4,036	3,821
Other Operating Income	0	0 0		0	0	0
Allowance for Funds Used During Construction	87	51	97	253	101	258
Utility Operating Income	2,645	2,599	6,309	5,534	4,137	4079
Other Income (Non-Operating) (Net)	1,394	311	586	819	528	1,065
Income Before Interest Charges	4,039	2,910	6,895	6,353	4,665	5,144
Interest on Long-Term Debt	819	748	1,576	1,510	1,186	1,159
Amortization of Debt Disc. Exp. and Premium	45	29	67	81	59	49
Other Interest Expense (Net)	320	268	27	131	51	43
TOTAL INTEREST CHARGES	**1,184**	**1,045**	**1,669**	**1,721**	**1,296**	**1,251**
Net Income Before Extraordinary Items	2,854	1,865	5,225	4,633	3,368	3,893
Extraordinary Items, Less Taxes	(2)	8	(3)	0	0	0
Net Income	2,852	1,873	5,222	4,633	3,368	3,893
Preferred Dividends	2	5 0		0	0	0
Common Dividends	1,807	1,389	0	0	316	0
Number of Companies Reporting	24	25	21	25	27	25
Op. Rev. of Companies Reporting (Millions)	$9,942	$8,148	$7,413	$10,471	$11,360	$10,545

[a] Less than $500,000
( ) Denotes a negative number
Note: Data are not directly comparable from year to year due to acquisitions and mergers.

TABLE 11-3
COMPOSITE INCOME ACCOUNTS
GAS INDUSTRY INVESTOR-OWNED INTEGRATED UTILITY COMPANIES
1995-2010
(Millions)

	1995	2000	2005	2008	2009	2010
TOTAL OPERATING REVENUES	**$10,899**	**$3,755**	**$2,803**	**$2,900**	**$2,606**	**$2,295**
Operation Expenses	7,462	2,847	2,398	2,482	2,123	1,730
Maintenance Expenses	328	73	21	32	33	36
OPERATION & MAINTENANCE EXPENSES	**7,790**	**2,919**	**2,419**	**2,513**	**2,155**	**1,766**
Depreciation, Retirements, Depletion, etc.	764	181	59	122	130	143
Federal Income Taxes	(100)	66	12	20	(13)	(14)
Provision for Deferred Federal Income Taxes	191	45	81	56	134	71
Portion of Current Federal Income Taxes Provided for in Prior Years	66	2	62	26	72	10
Investment Tax Credit Adjustment	(8)	2	1	1	1	1
Other Federal Taxes	95	20	11	11	12	11
State Income Taxes	27	13	4	12	6	6
Other State and Local Taxes	654	177	66	67	68	64
Total Taxes	794	322	112	141	136	130
TOTAL OPERATING EXPENSES	**9,347**	**3,422**	**2,589**	**2,776**	**2,421**	**2,038**
Operating Income	1,552	333	214	124	185	257
Other Operating Income	(4)	0 1		1	4	7
Allowance for Funds Used During Construction	69	2	*	1	1	1
Utility Operating Income	1,617	335 215		126	190	265
Other Income (Non-Operating) (Net)	52	98	6	1	4	3
Income Before Interest Charges	1,669	432	221	127	193	268
Interest on Long-Term Debt	1,331	73	16	17	15	16
Amortization of Debt Disc. Exp. and Premium	18	1	1	1	1	1
Other Interest Expense (Net)	132	119	31	62	68	64
TOTAL INTEREST CHARGES	**1,481**	**193**	**48**	**80**	**84**	**81**
Net Income Before Extraordinary Items	188	239	173	47	109	187
Extraordinary Items, Less Taxes	75	0 0		0	0	0
Net Income	262	239	173	47	109	187
Preferred Dividends	15	6 0		0	0	0
Common Dividends	313	92	45	54	69	137
Number of Companies Reporting	21	5 5		5	5	5
Op. Rev. of Companies Reporting (Millions)	$10,448	$2,291	$2,512	$2,629	$2,341	$2,049

*Less than $500,000
( ) Denotes a negative number
Note Data are not directly comparable from year to year due to acquisitions, mergers, and reduction in number of reporting companies. 1995 data also reflect significant changes attributable to one integrated company.

TABLE 11-4
COMPOSITE INCOME ACCOUNTS
INVESTOR-OWNED COMBINATION GAS-ELECTRIC UTILITY COMPANIES
1995-2010
(Millions)

	1995	2000	2005	2008	2009	2010
GAS OPERATIONS OPERATING REVENUES	**$16,023**	**$23,220**	**$31,689**	**$32,422**	**$26,787**	**$25,255**
Operation Expenses	10,840	19140	26,044	25,956	19,906	18,790
Maintenance Expenses	561	306	536	580	764	621
OPERATION & MAINTENANCE EXPENSES	**11,401**	**19,446**	**26,581**	**26,536**	**20,670**	**19,411**
Depreciation, Retirements, Depletion, etc.	1,193	836	1,748	1,714	1,898	1,801
Federal Income Taxes	512	313	453	181	(184)	(223)
Provision for Deferred Federal Income Taxes	496	863	639	976	1,615	2,213
Portion of Current Federal Income Taxes Provided for in Prior Years	447	699	620	475	616	1,416
Investment Tax Credit Adjustment	(13)	(6)	(10)	(9)	(10)	(11)
Other Federal Taxes	82	24	53	44	80	103
State Income Taxes	92	85	82	101	(14)	196
Other State and Local Taxes	995	717	653	763	916	865
Total Taxes	1,717	1,298	1,250	1,581	1,788	1,727
TOTAL OPERATING EXPENSES	**14,311**	**21,580**	**29,579**	**29,831**	**24,349**	**22,938**
Operating Income[a]	1,711	1,641	2,110	2,591	2,438	2,316
TOTAL OPERATIONS OPERATING REVENUES	**75,989**	**75,014**	**99,187**	**106,260**	**100,945**	**100,352**
Operation Expenses	38,486	51,019	63,449	74,850	65,147	64,672
Maintenance Expenses	4,461	4,851	4,394	4,226	4,655	4,304
OPERATION & MAINTENANCE EXPENSES	**42,947**	**55,870**	**67,842**	**79,075**	**69,802**	**68,976**
Depreciation, Retirements, Depletion, etc.	8,057	4,453	9,050	8,580	10,739	10,486
Federal Income Taxes	3,883	2,049	4,986	226	(722)	533
Provision for Deferred Federal Income Taxes	3,225	2,827	1,383	5,317	7,775	8,687
Portion of Current Federal Income Taxes Provided For in Prior Years	2,273	2,431	3,091	2,691	3,718	6,997
Investment Tax Credit Adjustment	(170)	(109)	(79)	(40)	(37)	(100)
Other Federal Taxes	579	347	540	259	554	556
State Income Taxes	710	300	396	439	16	608
Other State and Local Taxes	5,564	2,862	3,148	4,071	5,113	4,993
Total Taxes	11,514	5,844	7,283	7,582	8,982	8,279
TOTAL INTEREST CHARGES	**62,519**	**66,166**	**84,175**	**95,237**	**89,523**	**87,741**
Operating Income	13,470	8,848	15,013	11,023	11,422	12,611
Other Operating Income	[a]	852	11	(2)	[a]	(11)
Allowance for Funds Used During Construction	277	114	358	338	274	497
Utility Operating Income	13,747	9,815	15,382	11,359	11,696	13,097
Other Income (Non-Operating) (Net)	510	(706)	688	304	251	25
Income Before Interest Charges	14,258	9,109	16,071	11,663	11,948	13,122
Interest on Long-Term Debt	4,590	3,064	3,930	3,368	3,659	3,652
Amortization of Debt Disc. Exp. and Premium	130	86	213	143	165	147
Other Interest Expense (Net)	604	650	1,034	780	478	661
TOTAL INTEREST CHARGES	**5,324**	**3,801**	**5,177**	**4,301**	**4,302**	**4,459**
Net Income Before Extraordinary Items	8,934	5,307	10,893	7,361	7,646	8,663
Extraordinary Items, Less Taxes	4	68	(59)	3	0	0
Net Income	8,937	5,375	10,834	7,364	7,646	8,663
Preferred Dividends	475	111	117	201	42	75
Common Dividends	6,017	2,574	5,210	4,337	2,831	2,587
Number of Companies Reporting	28	13	15	17	18	19
Total Op. Revenues of Companies Reporting (Millions)	$49,152	$22,142	$42,274	$68,496	$59,943	$69,192
Gas Revenues of Companies Reporting (Millions)	$10,363	$6,854	$13,506	$20,899	$15,906	$17,413

[a] Less than $500,000
( ) Denotes a negative number

TABLE 11-5
INVESTOR-OWNED GAS UTILITY INDUSTRY
GAS OPERATION AND MAINTENANCE EXPENSES BY TYPE OF COMPANY
2009-2010
(Millions)

TOTAL INDUSTRY	**2009**		**2010**	
Type of Expense	Operation	Maintenance	Operation	Maintenance
Purchased Gas Cost and Production Exp.	$35,029	$ 0	$30,975	$ 0
Other Production and Purch. Exp. and Adjustments	6,407	28	5,760	29
Production and Purchases, Total	41,435	28	36,735	29
Storage	1,025	90	765	95
Transmission	4,076	618	4,096	561
Distribution	2,549	1,406	2,610	1,356
Customer Accounts	2,921	11	3,022	0
Sales	156	A	139	a
Administrative and General	6,637	161	7,140	154
Customer Service	766	14	1,077	13
TOTAL	59,566	2,328	55,584	2,209
DISTRIBUTION COMPANIES	**2009**		**2010**	
Type of Expense	Operation	Maintenance	Operation	Maintenance
Purchased Gas Cost and Production Exp.	$20,360	$ 0	$16,830	$ 0
Other Production and Purch. Exp. and Adjustments	4,924	9	5,807	11
Production and Purchases, Total	25,284	9	22,637	11
Storage	465	26	227	33
Transmission	780	61	787	74
Distribution	1,539	786	1,703	830
Customer Accounts	1,847	0	1,957	0
Sales	109	A	101	a
Administrative and General	3,007	104	3,344	118
Customer Service	340	13	389	13
TOTAL	33,372	999	31,146	1,079
TRANSMISSION COMPANIES	**2009**		**2010**	
Type of Expense	Operation	Maintenance	Operation	Maintenance
Purchased Gas Cost and Production Exp.	$414	$ 0	$145	$ 0
Other Production and Purch. Exp. and Adjustments	(1,022)	13	(864)	13
Production and Purchases, Total	(608)	13	(719)	13
Storage	497	49	484	43
Transmission	2,658	465	2,675	411
Distribution	0	0	0	0
Customer Accounts	5	0	(1)	0
Sales	9	0	6	0
Administrative and General	1,598	5	1,472	6
Customer Service	9	0	2	0
TOTAL	4,166	532	3,919	473
INTEGRATED COMPANIES	**2009**		**2010**	
Type of Expense	Operation	Maintenance	Operation	Maintenance
Purchased Gas Cost and Production Exp.	$1,571	$ 0	$1,114	$ 0
Other Production and Purch. Exp. and Adjustments	115	a	188	a
Production and Purchases, Total	1,686	a	1,301	a
Storage	1	a	1	a
Transmission	11	3	30	3
Distribution	97	26	104	29
Customer Accounts	104	0	93	0
Sales	2	0	2	0
Administrative and General	209	3	189	3
Customer Service	11	0	10	0
TOTAL	2,123	33	1,730	35
COMBINATION COMPANIES	**2009**		**2010**	
Type of Expense	Operation	Maintenance	Operation	Maintenance
Purchased Gas Cost and Production Exp.	$12,683	$ 0	$12,886	$ 0
Other Production and Purch. Exp. and Adjustments	2,390	6	629	5
Production and Purchases, Total	15,073	6	13,516	5
Storage	62	15	53	19
Transmission	627	89	605	73
Distribution	913	594	802	496
Customer Accounts	965	11	973	0
Sales	37	0	30	0
Administrative and General	1,823	49	2,136	28
Customer Service	407	1	676	0
TOTAL	19,906	764	18,790	621

[a]Less than $500,000

TABLE 11-6
COMPOSITE BALANCE SHEET ACCOUNTS
OVERALL INVESTOR-OWNED GAS UTILITY INDUSTRY
1995-2010
(Millions)

	1995	2000	2005	2008	2009	2010
ASSETS						
TOTAL GAS UTILITY PLANT	$143,636	$162,206	$207,976	$237,140	$235,426	$239,718
Less Accumulated Prov. for Depreciation and Amortization	62,723	69,366	91,794	95,211	91,958	92,012
Net Gas Utility Plant (Total)	80,912	92,839	116,183	141,929	143,468	147,707
Stored Underground (Non-Current)	1,646	975	1,033	1,009	1,108	897
Investment and Fund Accounts	26,489	10,846	16,331	11,725	9,649	7,132
Current and Accrued Assets	18,564	35,691	32,325	31,960	27,703	27,288
Deferred Debits[a]	13,923	24,279	29,574	42,922	37,037	37,307
TOTAL ASSETS	**141,965**	**165,709**	**196,215**	**230,002**	**219,467**	**220,860**
LIABILITIES						
Common Stock	9,581	8,168	11,024	12,756	10,659	10,443
Retained Earnings	19,060	15,807	24,597	29,712	29,599	29,611
Other Paid-in Capital[b]	23,881	21,814	26,243	31,159	33,481	33,461
TOTAL COMMON EQUITY	52,523	45,788	61,864	73,627	73,739	73,515
Preferred Stock	1,879	1,263	606	983	778	641
TOTAL CAPITAL STOCK	54,402	47,051	62,470	74,610	74,517	74,157
Bonds	14,882	13,329	26,672	29,203	27,444	28,654
Debentures	7,324	12,672	7,661	11,319	11,724	10,058
Other Long-Term Debt	13,341	22,266	23,931	20,977	22,112	20,512
TOTAL LONG-TERM DEBT	35,548	48,267	58,264	61,498	61,280	59,223
TOTAL CAPITALIZATION	90,581	96,079	120,949	136,004	135,852	133,414
Current and Accrued Liabilities	28,272	42,312	34,936	37,	450	28,711	28,564
Deferred Credits	7,283	8,741	7,479	10,533	10,428	9,429
Non-Current Liabilities[c]	1,309	1,007	6,969	11,154	8,891	10,248
Contributions in Aid of Construction	123	414	945	7,188	5,349	4,804
Accumulated Deferred Income Taxes	14,393	17,157	24,937	27,637	30,236	34,401
TOTAL LIABILITIES	**141,965**	**165,709**	**196,215**	**230,002**	**219,467**	**220,860**

[a]Includes "Capital Stock Discount and Expense" and "Required Securities"
[b]Includes accounts formerly detailed in "Premiums, Assessments, etc." and "Capital Surplus"
[c]Formerly called "Operating Reserves"
Note: Data are not directly comparable from year to year due to acquisitions and mergers.

TABLE 11-7
COMPOSITE BALANCE SHEET ACCOUNTS
INVESTOR-OWNED GAS UTILITY INDUSTRY DISTRIBUTION COMPANIES
1995-2010[a]
(Millions)

	1995	2000	2005	2008	2009	2010
ASSETS						
TOTAL GAS UTILITY PLANT	$37,162	$63,008	$74,493	$88,341	$89,307	$96,271
Less Accumulated. Prov. for Depreciation and Amortization	13,285	22,753	27,920	33,745	32,889	36,648
Net Gas Utility Plant (Total)	23,880	40,255 46,573		54,596	56,418	59,624
Gas Stored Underground (Non-current)	115	181	203	267	275	257
Investment and Fund Accounts	2,344	1,671	5,496	1,136	1,939	2,150
Current and Accrued Assets	5,163	13,716	20,661	20,519	16,092	16,373
Deferred Debits	2,658	5,734	10,116	15,441	14,756	15,276
TOTAL ASSETS	**34,176**	**61,558**	**83,049**	**91,959**	**89,481**	**93,680**
LIABILITIES						
Common Stock	2,656	2,831	4,386	5,552	5,568	5,369
Retained Earnings	5,104	7,455	10,760	9,742	11,215	11,824
Other Paid in Capital	3,579	8,255	9,967	11,384	11,455	12,188
TOTAL COMMON EQUITY	11,339	18,541	25,113	26,678	28,238	29,831
Preferred Stock	671	337	42	555	417	472
TOTAL CAPITAL STOCK	12,010	18,878	25,155	27,234	28,656	29,853
Bonds	4,898	4,995	6,322	6,169	6,514	6,201
Debentures	1,767	4,949	3,060	2,425	1,611	1,975
Other Long-Term Debt	3,397	5,450	10,015	12,536	12,784	11,941
TOTAL LONG-TERM DEBT	10,062	15,393	19,397	21,129	20,909	20,118
TOTAL CAPITALIZATION	22,137	34,375	44,552	48,363	49,565	49,971
Current and Accrued Liabilities	6,665	19,038 25,673		24,751	18,534	20,527
Deferred Credits	1,859	2,256	3,076	4,565	5,053	5,790
Non-Current Liabilities[b]	398	253	1,949	3,081	2,878	2,775
Contributions in Aid of Construction	81	127	360	2,105	2,487	2,035
Accumulated Deferred Income Taxes[c]	3,036	5,519	7,466	9,234	11,120	12,691
TOTAL LIABILITIES	**34,176**	**61,558**	**83,049**	**91,959**	**89,481**	**93,680**

[a]During 1997 AGA revised the database used to develop this financial data table, which identifies companies by type (e.g., distribution, integrated or transmission). In particular, company reclassification from integrated to distribution type has resulted in numerous additions to the distribution company sample. Company types are defined in the glossary of this publication.
[b]Formerly called "Operating Reserves"
[c]Includes "Reserves for Deferred Income Taxes"
Note: Data are not directly comparable from year to year due to acquisitions and mergers.

TABLE 11-8
COMPOSITE BALANCE SHEETS ACCOUNTS
INVESTOR-OWNED GAS INDUSTRY TRANSMISSION COMPANIES
1995-2010
(Millions)

	1995	2000	2005	2008	2009	2010
ASSETS						
TOTAL GAS UTILITY PLANT	$51,006	$46,283	$98,023	$108,002	$82,074	$81,599
Less Accumulated Prov. for Depreciation and Amortization	27,997	23,136	47,963	48,429	36,625	35,907
Net Gas Utility Plant (Total)	23,009	23,148	50,060	59,572	45,448	45,692
Gas Stored Underground (Non-Current)	1,311	695	1,873	1,720	1,378	1,177
Investment and Fund Accounts	20,068	4,413	16,951	14,065	9,309	6,021
Current and Accrued Assets	6,776	7,774	5,852	7,012	5,374	4,664
Deferred Debits[a]	5,994	3,906	5,268	6,014	4,459	4,073
TOTAL ASSETS	**57,161**	**39,936**	**80,004**	**88,383**	**65,969**	**61,627**
LIABILITIES						
Common Stock	1,505	1,392	826	1,079	818	818
Retained Earnings	8,279	4,981	12,689	13,981	9,807	8,044
Other Paid-in Capital[b]	15,577	8,345	20,323	24,804	17,596	17,954
TOTAL COMMON EQUITY	25,362	14,717	33,837	39,863	28,221	26,816
Preferred Stock	11	96	0	0	0 0	
TOTAL CAPITAL STOCK	25,374	14,813	33,837	39,863	28,221	26,816
Bonds	3,199	2,314	9,986	8,157	6,491	4,239
Debentures	1,568	3,195	4,634	4,485	3,159	637
Other Long-Term Debt	5,294	6,673	12,919	13,869	11,159	12,848
TOTAL LONG-TERM DEBT	10,062	12,182	27,542	26,510	20,809	17,724
TOTAL CAPITALIZATION	35,437	27,185	61,379	66,374	49,030	44,540
Current and Accrued Liabilities	13,380	6,997	6,242	7,481	5,301	5,106
Deferred Credits	2,602	1,647	1,207	1,058	528	590
Non-Current Liabilities[c]	740	176	295	1,604	1,421	1,229
Contributions in Aid of Construction	0	0	0	0	0	0
Accumulated Deferred Income Taxes[d]	5,000	3,932	10,882	11,865	9,693	10,162
TOTAL LIABILITIES	**57,161**	**39,936**	**80,004**	**88,383**	**65,969**	**61,627**

[a]Includes "Capital Stock Discount and Expense"
[b]Includes accounts formerly detailed in "Premiums, Assessments, etc." and "Capital Surplus"
[c]Formerly called "Operating Reserves"
[d]Includes "Reserves for Deferred Income Taxes."
Note: Data are not directly comparable from year to year due to acquisitions and mergers

TABLE 11-9
COMPOSITE BALANCE SHEET ACCOUNTS
INVESTOR-OWNED GAS UTILITY INDUSTRY INTEGRATED COMPANIES
1995-2010[a]
(Millions)

	1995	2000	2005	2008	2009	2010
ASSETS						
TOTAL GAS UTILITY PLANT	$22,570	$6,376	$3,859	$4,307	$4,492	$4,785
Less Accumulated Prov. for Depreciation and Amortization	9,155	2,135	1,450	1,590	1,679	1,821
Net Gas Utility Plant (Total)	13,415	4,241 2,405		2,717	2,813	2,964
Gas Stored Underground (Non-Current)	193	55	21	0	0	0
Investment and Fund Accounts	2,435	1,449	153	238	139	140
Current and Accrued Assets	4,037	5,548	814	641	709	564
Deferred Debits	1,703	871	214	319	739	884
TOTAL ASSETS	**21,782**	**12,164**	**3,607**	**3,915**	**4,400**	**4,553**
LIABILITIES						
Common Stock	1,896	182	129	73	76	77
Retained Earnings	2,135	487	704	802	689	687
Other Paid-in Capital	2,119	1,913	435	495	743	746
TOTAL COMMON EQUITY	6,151	2,588	1,268	1,371	1,508	1,510
Preferred Stock	224	121	0	0	0	0
TOTAL CAPITAL STOCK	6,375	2,709	1,268	1,371	1,508	1,510
Bonds	1,187	83	0	147	150	150
Debentures	3,389	2,146	203	65	65	65
Other Long-Term Debt	2,120	658	350	420	563	555
TOTAL LONG-TERM DEBT	6,696	2,887	553	631	778	770
TOTAL CAPITALIZATION	13,492	5,831	1,821	2,002	2,286	2,280
Current and Accrued Liabilities	4,905	4,750	1,166	1,112	846	859
Deferred Credits	1,324	1,210	94	202	189	225
Non-Current Liabilities[b]	89	43	(15)	70	364	389
Contributions in Aid of Construction	[c]	0	14	(3)	(1)	(32)
Accumulated Deferred Income Taxes[d]	1,971	331	524	532	716	832
TOTAL LIABILITIES	**21,782**	**12,164**	**3,607**	**3,915**	**4,400**	**4,553**

[a]During 1997 AGA revised the database used to develop this financial data table, which identifies companies by type (e.g., distribution, integrated or transmission). In particular, company reclassification from integrated to distribution type has resulted in numerous additions to the distribution company sample. Company types are defined in the glossary of this publication.
[b]Formerly called "Operating Reserves"
[c]Less than $500,000
[d]Includes "Reserves for Deferred Income Taxes"
Note: Data are not directly comparable from year to year due to acquisitions and mergers.

TABLE 11-10
COMPOSITE BALANCE SHEET ACCOUNTS
INVESTOR-OWNED GAS UTILITY INDUSTRY COMBINATION COMPANIES
1995-2010
(Millions)

	1995	2000	2005	2008	2009	2010
ASSETS						
Electric	$179,691	$91,099	$183,510	$168,041	$192,834	$190,158
Gas	33,173	25,136	50,556	51,744	54,362	56,389
Other	10,645	4,561	13,211	17,896	21,001	19,019
TOTAL UTILITY PLANT	223,510	120,796	247,277	237,681	268,197	265,567
Construction Work in progress	4,606	4,165	5,389	9,650	10,992	11,278
Less Accumulated Prov. for Depreciation and Amortization	84,908	54,164	115,489	97,348	105,558	101,028
Net Utility Plant	145,446	70,813	137,215	150,000	173,653	176,086
Gas Stored Underground (Non-Current)	155	0	176	101	121	99
Decommissioning Funds	2,839	2,573	1,760	908	1,157	1,129
Investment and Fund Accounts	11,884	7,750	11,720	8,844	5,469	4,671
Current and Accrued Assets	17,989	25,421	33,270	28,150	30,321	30,257
Deferred Debits	25,567	34,250	45,776	58,262	55,117	53,387
TOTAL ASSETS	**203,884**	**140,806**	**229,917**	**246,264**	**265,838**	**265,630**
LIABILITIES						
Common Stock	25,598	9,741	17,230	16,769	14,875	14,242
Retained Earnings	25,507	8,612	25,050	31,933	35,626	36,752
Other Paid-in Capital	16,801	9,398	23,039	23,063	32,389	31,595
TOTAL COMMON EQUITY	67,907	27,751	65,319	71,765	82,889	82,589
Preferred Stock	7,153	1,828	1,337	1,203	1,168	761
TOTAL CAPITAL STOCK	75,060	29,579	66,656	72,967	84,058	83,349
Bonds	39,274	15,517	41,394	42,089	43,647	47,664
Debentures	4,679	7,337	7,630	15,037	19,845	18,080
Other Long-Term Debt	17,020	23,138	25,226	11,378	14,027	11,033
TOTAL LONG-TERM DEBT	60,974	45,992	74,250	68,504	77,519	76,777
TOTAL CAPITALIZATION	136,982	76,175	141,449	141,456	161,946	160,342
Current and Accrued Liabilities	22,638	33,344 29,	858	32,468 28,	997	26,773
Deferred Credits	10,401	9,411	10,859	13,516	15,387	11,620
Non-Current Liabilities[a]	2,485	1,338	12,685	16,460	13,513	16,249
Contributions in Aid of Construction	349	733	1,568	11,465	8,614	7,695
Accumulated Deferred Income Taxes[b]	31,188	18,806	33,499	30,899	37,381	42,952
TOTAL LIABILITIES	**203,884**	**140,806**	**229,917**	**246,264**	**265,838**	**265,630**

[a]Formerly called "Operating Reserves"
[b]Includes "Reserves for Deferred Income Taxes"
Note: Data are not directly comparable from year to year due to acquisitions and mergers.

TABLE 11-11
SELECTED COMPOSITE ANALYTICAL RATIOS
OVERALL INVESTOR-OWNED GAS UTILITY INDUSTRY
1995-2010

	1995	2000	2005	2008	2009	2010
EARNINGS						
Utility Operating Income as % of Total Plant	6.0	4.4	6.1	5.0	4.7	4.4
Utility Operating Income as % of Net Plant	9.0	7.7	10.9	8.4	7.8	7.1
Operating Revenue as % of Total Plant	40.7	44.4	49.1	46.2	37.1	34.3
Common Dividend Payout Ratio	8.1	76.0	24.4	26.3	25.4	24.0
Return on Common Equity	10.1	9.4	15.7	12.2	11.5	11.7
Return on Average Common Equity	9.9	9.4	16.8	12.6	11.5	11.6
Return on Net Plant	6.2	4.6	8.4	6.3	5.9	5.8
Pretax Interest Coverage of Total Interest Expense[a]	2.9	2.8	4.3	3.8	3.6	3.8
Long-Term Debt Interest Expense[a]	3.6	3.9	5.1	4.8	4.4	4.7
Allowance for Funds Used in Construction as % of Net Income	4.3	2.7	1.9	4.3	2.7	4.9
EXPENSES						
Operating Expenses as % of Operating Revenue	65.0	73.4	74.2	73.0	68.1	67.5
Maintenance Expenses as % of Total Plant	1.4	0.9	1.0	1.0	1.0	0.9
Depreciation Expenses as % of Total Plant	3.2	2.6	2.0	2.9	2.8	2.7
Total Taxes as % of Total Plant	4.3	3.8	3.6	3.6	3.4	3.2
Total Taxes as % of Net Plant	7.6	6.7	6.5	6.0	5.5	5.1
Total Taxes as % of Net Income plus Total Taxes	54.6	58.9	43.5	48.3	48.3	46.8
Current Federal Income Tax as % of Net Income and current Federal Income Tax[b]	26.5	27.1	21.7	17.3	5.4	6.6
PLANT						
Total Plant as % of Total Operating Revenue	246.0	225.2	203.9	216.5	269.3	291.2
Net Plant as % of Total Operating Revenue	138.6	128.9	113.9	129.6	164.1	179.4
Depreciation Reserve as % of Total Plant	43.7	42.8	44.1	40.1	39.1	38.4
Total Plant per Employee ($000)	855.4	1,206.8	1,587.6	1,943.8	1,945.7	2,031.5
CAPITALIZATION						
Long-term Debt as % of Net Plant	43.9	52.0	50.1	43.3	42.7	40.1
% Total Capitalization Represented by						
a. Long-term Debt	39.2	50.2	48.2	45.2	45.1	44.4
b. Preferred Stock	2.1	1.3	0.5	0.7	0.6	0.5
c. Common Equity	58.0	47.7	51.1	54.1	54.3	55.1

[a]Reflects pre-federal income tax coverage
[b]Includes "Investment Tax Credit Adjustment"

TABLE 11-12
SELECTED COMPOSITE ANALYTICAL RATIOS
INVESTOR-OWNED GAS UTILITY INDUSTRY DISTRIBUTION COMPANIES
1995-2010

	1995	2000	2005	2008	2009	2010
EARNINGS						
Utility Operating Income as % of Total Plant	5.4	4.1	5.6	4.5	5.2	4.4
Utility Operating Income as % of Net Plant	8.5	6.4	8.9	7.2	8.2	7.1
Operating Revenue as % of Total Plant	52.2	55.1	65.7	63.5	50.3	46.4
Common Dividend Payout Ratio	79.8	81.9	42.8	56.7	35.4	44.4
Return on Common Equity	10.1	7.8	12.4	9.6	12.1	10.5
Return on Average Common Equity	10.3	8.0	13.3	9.5	12.4	10.7
Return on Net Plant	4.8	3.6	6.7	4.7	6.0	5.2
Pretax Interest Coverage of Total Interest Expense[a]	2.9	2.4	4.0	2.8	3.3	3.4
Long-Term Debt Interest Expense[a]	3.5	3.3	5.0	3.9	4.3	4.4
Allowance for Funds Used in Construction as % of Net Income	2.2	2.5	0.7	2.7	2.1	1.9
EXPENSES						
Operating Expenses as % of Operating Revenue	89.6	75.7	80.1	80.4	74.3	69.8
Maintenance Expenses as % of Total Plant	1.6	1.3	1.2	1.2	1.1	1.1
Depreciation Expenses as % of Total Plant	3.6	3.3	2.0	3.1	3.0	2.9
Total Taxes as % of Total Plant	5.1	4.6	4.3	3.7	3.6	3.5
Total Taxes as % of Net Plant	7.9	7.2	6.9	6.0	5.7	5.6
Total Taxes as % of Net Income plus Total Taxes	61.5	66.8	50.6	55.9	48.5	51.8
Current Federal Income Tax as % of Net Income and current Federal Income Tax[b]	30.3	22.9	19.6	8.6	-5.5	3.8
PLANT						
Total Plant as % of Total Operating Revenue	191.5	181.6	152.2	157.5	198.7	215.7
Net Plant as % of Total Operating Revenue	123.01	116.0	95.1	97.3	125.5	133.6
Depreciation Reserve as % of Total Plant	35.8	36.1	37.5	38.2	36.8	38.1
Total Plant per Employee ($000)	603.7	908.3	1,460.6	1,666.8	1,717.4	1,851.4
CAPITALIZATION						
Long-term Debt as % of Net Plant	42.1	38.2	41.6	38.7	37.1	33.7
% Total Capitalization Represented by						
a. Long-term Debt	45.5	44.8	43.5	43.7	42.2	40.3
b. Preferred Stock	3.0	1.0	0.1	1.1	0.8	0.9
c. Common Equity	51.2	53.9	56.4	55.2	57.0	59.7

[a]Reflects pre-federal income tax coverage
[b]Includes "Investment Tax Credit Adjustment"

TABLE 11-13
SELECTED COMPOSITE ANALYTICAL RATIOS
INVESTOR-OWNED GAS INDUSTRY TRANSMISSION COMPANIES
1995-2010

	1995	2000	2005	2008	2009	2010
EARNINGS						
Utility Operating Income as % of Total Plant	5.0	5.5	6.3	4.9	4.9	4.7
Utility Operating Income as % of Net Plant	11.1	11.0 12.4		8.9	8.9	8.4
Operating Revenue as % of Total Plant	23.7	22.5	16.9	16.8	16.0	14.9
Common Dividend Payout Ratio	63.4	74.4	0.0	0.0	9.4	0.0
Return on Common Equity	11.2	12.7	15.4	11.6	11.9	13.8
Return on Average Common Equity	11.7	12.7	18.4	11.9	9.9	13.8
Return on Net Plant	12.4	8.1	10.4	7.8	7.4	8.6
Pretax Interest Coverage of Total Interest Expense[a]	5.3	3.8	n.a.	5.0	4.7	5.5
Long-Term Debt Interest Expense[a]	7.7	5.3	n.a.	5.7	5.1	6.0
Allowance for Funds Used in Construction as % of Net Income	3.1	2.7	1.9	5.5	3.0	6.6
EXPENSES						
Operating Expenses as % of Operating Revenue	78.8	46.9	36.7	35.9	31.7	32.2
Maintenance Expenses as % of Total Plant	1.1	0.6	0.6	0.6	0.6	0.6
Depreciation Expenses as % of Total Plant	2.5	2.4	0.9	2.1	2.1	2.1
Total Taxes as % of Total Plant	3.1	3.4	2.9	3.2	3.2	2.8
Total Taxes as % of Net Plant	6.9	6.8	5.7	5.8	5.8	5.0
Total Taxes as % of Net Income plus Total Taxes	35.7	45.6	35.4	42.6	44.0	37.0
Current Federal Income Tax as % of Net Income and Current Federal Income Tax[b]	23.4	27.6	n.a.	23.7	20.1	15.4
PLANT						
Total Plant as % of Total Operating Revenue	421.7	444.9	592.4	593.9	625.2	673.4
Net Plant as % of Total Operating Revenue	190.2	222.5	302.5	327.6	346.2	372.9
Depreciation Reserve as % of Total Plant	54.9	50.0	48.9	44.8	44.6	44.6
Total Plant per Employee ($000)	1,824.9	1,877.2	3,920.9	4,320.1	3,283.0	3,730.6
CAPITALIZATION						
Long-term Debt as % of Net Plant	43.7	52.6	55.0	44.5	45.8	45.8
% Total Capitalization Represented by:						
a. Long-term Debt	28.4	44.8	44.9	39.9	42.4	42.4
b. Preferred Stock	0.2	0.4	0.0	0.0	0.0	0.0
c. Common Equity	71.6	54.1	55.1	60.1	57.6	57.6

[a]Reflects pre-federal income tax coverage
[b]Includes "Investment Tax Credit Adjustment."
n.a. – not available

TABLE 11-14
SELECTED COMPOSITE ANALYTICAL RATIOS
INVESTOR-OWNED GAS UTILITY INDUSTRY INTEGRATED COMPANIES
1995-2010

	1995	2000	2005	2008	2009	2010
EARNINGS						
Utility Operating Income as % of Total Plant	6.9	5.2	5.5	2.9	4.1	5.4
Utility Operating Income as % of Net Plant	11.6	7.8	8.9	4.6	6.6	8.7
Operating Revenue as % of Total Plant	48.3	58.9	72.6	67.3	58.0	48.0
Common Dividend Payout Ratio	126.8	39.5	26.0	114.9	63.3	73.3
Return on Common Equity	4.0	9.0	13.6	3.4	7.2	12.4
Return on Average Common Equity	3.8	8.7	13.2	3.4	7.6	12.4
Return on Net Plant	1.8	5.5	7.2	1.7	3.9	6.3
Pretax Coverage of Total Interest Expense[a]	1.1	3.1	5.0	1.9	2.2	3.2
Long-Term Debt Interest Expense[a]	1.2	8.2	15.0	8.8	12.3	16.1
Allowance for Funds Used During Construction as % of Net Income	26.4	0.8	n.a.	2.1	0.9	0.5
EXPENSES						
Operating Expense as % of Operating Revenue	68.5	75.8	85.6	85.6	81.5	75.4
Maintenance Expense as % of Total Plant	1.5	1.1	0.5	0.7	0.7	0.8
Depreciation Expense as % of Total Plant	3.4	2.8	1.5	2.8	2.9	3.0
Total Taxes as % of Total Plant	3.5	5.0	2.9	3.3	3.0	2.7
Total Taxes as % of Net Plant	5.9	7.6	4.7	5.2	4.8	4.4
Total Taxes as % of Net Income plus Total Taxes	75.1	57.4	39.3	75.0	55.5	41.0
Current Federal Income Tax as % of Net Income and Current Federal Income Tax[b]	(14.8)	22.1	7.0	30.9	-12.4	-7.5
PLANT						
Total Plant as % of Total Operating Revenue	207.1	169.8	137.7	148.5	172.4	208.5
Net Plant as % of Total Operating Revenue	123.1	113.0	85.8	93.7	107.9	129.2
Depreciation Reserve as % of Total Plant	40.6	33.5	37.6	36.9	37.4	38.1
Total Plant per Employee ($000)	619.5	1,064.3	964.8	1,435.7	1,497.3	1,595.0
CAPITALIZATION						
Long-term Debt as % of Net Plant	49.9	68.1	23.0	23.2	27.7	26.0
% Total Capitalization Represented by:						
a. Long-term Debt	49.6	49.5	30.4	31.5	34.0	33.8
b. Preferred Stock	1.7	2.1	0.0	0.0	0.0	0.0
c. Common Equity	45.6	44.4	69.6	68.5	66.0	66.2

[a]Reflects pre-federal income tax coverage
[b]Includes "Investment Tax Credit Adjustment."
n.a.- not available

SECTION 12
CONSTRUCTION EXPENDITURES

	2010
CONSTRUCTION EXPENDITURES (Millions)	**$11,042**
Production & Storage	151
Transmission	3,524
Underground Storage	509
Distribution	5,674
General	1,185

Chart 12-1

2010 GAS UTILITY INDUSTRY CONSTRUCTION EXPENDITURES

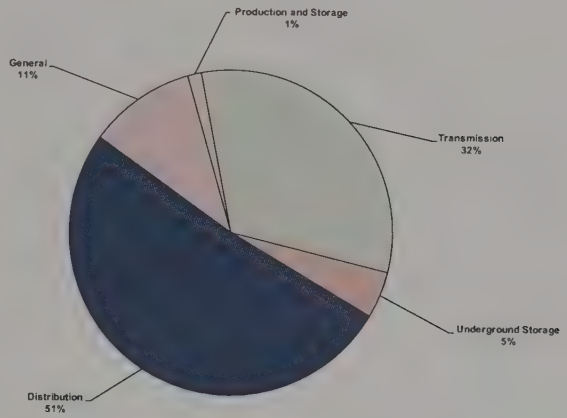


TABLE 12-1
GAS UTILITY CONSTRUCTION EXPENDITURES BY TYPE OF FACILITY
1972-2010
($ Millions)

Year	TOTAL	Production and Storage	Transmission	Underground Storage	Distribution	General
1972	2,822	717	678	177	1,081	169
1973	2,966	771	746	201	1,094	155
1974	2,965	830	632	230	1,097	176
1975	2,466	555	590	276	910	136
1976	2,425	466	531	362	926	140
1977	2,833	620	670	323	1,048	172
1978	3,581	881	935	321	1,228	215
1979	4,366	1,125	1,226	281	1,448	286
1980	5,350	1,150	1,583	396	1,869	352
1981	6,389	1,346	2,352	326	1,955	410
1982	5,939	1,322	1,921	368	1,881	447
1983	4,078	607	1,065	139	1,845	422
1984	4,645	422	1,301	121	2,266	535
1985	5,671	790	1,562	175	2,577	567
1986	5,342	258	1,448	125	2,920	591
1987	5,328	251	1,295	107	3,055	620
1988	6,166	268	1,568	101	3,389	840
1989	7,341	276	2,081	159	3,980	845
1990	7,899	309	2,886	219	3,714	770
1991	9,036	430	3,656	227	3,842	883
1992	11,068	349	5,739	252	3,867	861
1993	9,140	253	3,288	289	4,286	1,025
1994	7,465	218	1,872	289	4,171	916
1995	10,760	367	3,380	177	5,394	1,441
1996	7,743	649	1,374	307	4,202	1,211
1997	6,830	276	1,319	156	4,188	891
1998	10,978	598	3,656	299	5,035	1,389
1999	8,320	161	1,785	220	4,180	1,974
2000	8,624	138	1,590	185	5,437	1,273
2001	9,516	113	3,212	187	4,546	1,457
2002	11,552	73	5,184	249	4,890	1,156
2003	13,099	253	7,321	234	3,930	1,361
2004	10,484	181	3,205	274	5,553	1,271
2005	9,921	180	3,349	327	5,021	1,045
2006	10,218	240	3,316	379	5,165	1,119
2007	10,987	107	4,327	556	4,851	1,146
2008	14,090	174	6,388	873	5,427	1,228
2009	12,147	128	5,377	559	4,948	1,135
2010	11,042	151	3,524	509	5,674	1,149

SECTION 13
PERSONNEL DATA

	2010
GAS UTILITY EMPLOYEES TOTAL (Thousands)	118
Investor Owned Total	107
Distribution	52
Transmission	22
Integrated	3
Combination	30
Municipals	11

TABLE 13-1
GAS UTILITY INDUSTRY EMPLOYEES AND PAYROLL
1976-2010

Year	Average Number of Employees (Thousands)	Total Payroll ($ Thousands)	Average Wage per Employee ($)
1976	205	3,044,605	14,844
1977	209	3,371,856	16,149
1978	210	3,647,057	17,383
1979	215	4,134,270	19,265
1980	215	4,612,791	21,415
1981	221	5,313,445	24,057
1982	228	5,998,666	26,342
1983	226	6,365,305	28,128
1984	221	6,602,168	29,849
1985	217	6,959,057	32,132
1986	214	7,072,535	33,019
1987	208	7,092,959	34,051
1988	203	7,214,378	35,486
1989	205	7,476,192	36,558
1990	204	7,768,719	38,045
1991	203	8,163,947	40,256
1992	208	8,434,142	40,549
1993	195	8,696,972	44,691
1994	187	8,649,309	46,204
1995	179	8,664,822	48,396
1996	172	7,910,958	46,101
1997	155	7,388,959	47,794
1998	154	6,864,257	44,515
1999	144	7,002,656	48,765
2000	136	6,617,745	48,803
2001	135	7,081,796	52,458
2002	140	7,467,150	53,337
2003	129	6,921,430	53,654
2004	130	8,634,259	66,417
2005	131	8,309,658	63,433
2006	124	7,998,607	64,505
2007	118	8,179,588	69,319
2008	122	8,901,036	72,959
2009	121	8,478,310	70,069
2010	118	8,403,976	71,220

TABLE 13-2
GAS UTILITY INDUSTRY EMPLOYEES AND PAYROLL
BY TYPE OF PAYROLL AND TYPE OF COMPANY
1995-2010
(Thousands)

	1995	2000	2005	2008	2009	2010
TOTAL[a]						
Employees	179	136	131	122	121	118
Payroll Total	$8,664,822	$6,617,745	$8,309,658	$8,901,036	$8,478,310	$8,403,976
Operating	6,812,303	5,239,216	6,564,344	6,726,218	5,890,781	5,761,497
Construction	1,306,201	1,181,439	1,550,226	1,639,391	1,488200	1,575,629
Miscellaneous	546,319	197,090	195,088	535,429	1,099,329	1,066,952
INVESTOR OWNED TOTAL						
Employees	168	125	119	111	110	107
Payroll Total	$8,201,66	$6,152,235	$7,656,802	$8,197,239	$7,612,252	$7,695,103
Operating	6,433,808	4,852,342	5,986,583	6,133,223	5,167,011	5,180,121
Construction	1,241,149	1,140,287	1,492,882	1,563,425	1,393,125	1,500,959
Miscellaneous	526,826	159,606	177,337	500,592	1,052,116	1,014,125
DISTRIBUTION						
Employees	62	70	51	53	52	52
Payroll Total	$2,638,308	$3,465,273	$3,301,037	$3,564,384	$3,690,392	$3,899,709
Operating	2,135,693	2,790,472	2,505,485	2,836,420	2,818,939	2,970,827
Construction	382,381	581,362	604,829	672,346	752,098	799,842
Miscellaneous	120,234	93,439	190,723	55,619	119,355	129,041
TRANSMISSION						
Employees	28	26	25	25	25	22
Payroll Total	$1,640,618	$856,641	$1,488,986	$1,665,767	$1,226,966	$977,094
Operating	1,238,125	733,242	1,280,929	1,332,910	1,026,720	794,105
Construction	146,403	114,124	304,883	273,447	163,948	139,009
Miscellaneous	256,089	9,275	-96,826	59,410	36,297	43,981
INTEGRATED						
Employees	36	6 4 3 3				3
Payroll Total	$1,547,402	$321,896	$207,171	$206,399	$215,921	$240,961
Operating	1,303,326	259,190	165,887	155,802	160,196	163,172
Construction	220,773	49,107	22,142	20,261	20,713	42,500
Miscellaneous	23,303	13,599	19,143	30,336	35,012	35,289
COMBINATION						
Employees	43	23	39	30	30	30
Payroll Total	$2,377,333	$1,508,425	$2,659,608	$2,760,689	$2,478,973	$2,577,339
Operating	1,756,542	1,069,438	2,034,282	1,808,091	1,161,156	1,252,017
Construction	491,590	395,694	561,028	597,371	456,366	519,508
Miscellaneous	127,201	43,293	64,297	355,227	861,452	805,814

[a]Includes Municipally Owned Companies

Note: Data by company type are not directly comparable from year to year due to acquisitions and mergers.
During 1997 AGA revised the database used to develop this financial data table, which identifies companies by type (e.g., distribution, integrated or transmission). In particular, company reclassification from integrated to distribution type has resulted in numerous additions to the distribution company sample and reductions to the integrated company sample, beginning in 1996 Company types are defined in the glossary of this publication

APPENDIX A

GLOSSARY

This glossary includes an abbreviated list of gas utility industry definitions. A complete list is contained in the AGA publication, *Glossary for the Gas Industry*.

Additions (to Utility Plant)

Gross Additions: Expenditures for construction (including allowance for funds used during Construction) and/or utility plant purchased and acquired.

Net Additions: Gross additions less retirements and adjustments of utility plant. It is the net change in utility plant between two dates.

Anthracite Coal: A hard, black, lustrous coal that burns efficiently, containing a higher percentage of fixed carbon and a low percentage of volatile matter, differing from bituminous coal and generally having a heating value of 11,000-12,000 Btu/lb. Commonly referred to as hard coal, it is mined in the U.S. mainly in eastern Pennsylvania and in small quantities in other states. Most anthracite is used as a fuel in household heating systems. When anthracite burns, it produces almost no smoke.

Associated Natural Gas: See Gas, Natural

Average Revenue per Unit of Gas Sales (by Class of Service): Revenue from the sale of gas to a class of service, exclusive of forfeited discounts and penalties, divided by the corresponding number of units sold. Units may be therm, Btu, or cubic feet.

Barrel (Oil): A volumetric unit of measurement equivalent to 42 U.S. standard gallons, 9,702 cubic inches, 5.6146 cubic feet, 34.9722 Canadian Imperial gallons, 158.99 liters, or 0.15899 cubic meters. It is the unit of measurement commonly used to measure oil production and oil reserves in the U.S.

Bcf: 1,000,000,000 cubic feet; a Billion cubic feet.

Boiler Fuel Gas: Natural gas used as a fuel for the generation of steam (or hot water).

British Thermal Unit: The quantity of heat necessary to raise the temperature of one pound of water one degree Fahrenheit from 58.5 to 59.5 degrees Fahrenheit under standard pressure of 30 inches of mercury at or near its point of maximum density. One Btu equals 252 calories, (gram), 778 foot-pounds, 1,055 joules or 0.293 watt hours.

Capacity, Effective: The maximum load which a machine, apparatus, device, plant or system is capable of carrying under existing service conditions.

Casinghead Gas: Unprocessed natural gas containing natural gasoline and other liquid hydrocarbon vapors produced from oil well. It is frequently referred to as WET GAS or ASSOCIATED GAS (although not all wet gas or associated gas is casinghead gas) and in the past, BRADENHEAD GAS. Technically the term should apply only to gas produced from the casing of an oil well and not from the tubing; however, it is applied often to any gas produced in association with oil.

City Gate (Town Border Station): See Gate Station

Class of Service: Defines the type of customer. The common classes of service applied to ultimate consumers (more completely described in the AGA publication, *Definitions of a Gas Customer and Classes of Service for Industry Reporting Purposes*) are:

1. **Residential Service**

   Covers service to customers for domestic purposes (single, multifamily or mobile homes, etc.). In residential service, the number of housing units within a structure determines the customer classification.

2. **Commercial Service**

   Covers service to customers engaged in wholesale or retail trade, agriculture, communications, finance, fisheries, forestry, government, insurance, real estate, transportation, and so on, and to customers not directly involved in other classes of service.

3. **Industrial Service**

   Covers service to customers engaged primarily in a process that either involves the extraction of raw materials from the earth or the conversion of raw or unfinished materials into another form or product.

4. **Other Services**

   Covers service to municipalities or divisions (agencies) of State or Federal governments, under special contracts or agreements or service classifications, applicable only to public authorities using gas for general or institutional purposes. (This excludes sales that fall under items 2 or 3 above, such as manufacturing arsenals or publicly owned power systems).

5. **Sales for Resale** (Uniform System of Accounts, 483)

   Covers service to other utility companies, governmental agencies (municipal, county, state or federal), rural cooperatives, etc., for distribution and resale to ultimate customers. Service to other utilities for use by them and not for distribution and resale is to be classified as residential, commercial, or industrial, depending upon the primary business or economic activity.

Coal Gas: Manufactured gas made by distillation or carbonization of coal in a closed coal gas retort, coke oven, or other vessel.

Combination Utility: Utility which supplies both gas and other utility service(s), such as electricity, water, etc.. For purposes of AGA statistics, a combination utility derives at least 5 percent but less than 95 percent of its total sales revenues from gas operations.

Commercial Service: See Class of Service

Communities (Served): A community is a contiguous built-up area, incorporated or unincorporated, commonly recognized as a separate entity. Any incorporated area and its adjacent built-up unincorporated area may be counted as one community.

Compressor Horsepower: See Horsepower, Compressor

Compressor Station: Any permanent combination of facilities that supplies the energy to move gas at increased pressure from fields, in transmission lines or into storage. For AGA reporting, Compressor Station includes field line (other than temporary) and storage compressor stations of producing and transmission companies. Distribution company compressor station includes underground storage compressor stations and stations used for transporting gas between local distribution systems but not booster or pumping stations used within a local distribution system.

Condensate: The liquid resulting when a vapor is subjected to cooling and pressure reduction. Also, liquid hydrocarbons condensed from gas and oil wells. Compare Liquids, Natural Gas.

Consumption: The quantity of natural gas used by end users, pipeline fuel and lease and plant fuel.

Construction Expenditures: Cost of construction, including work-in-progress (CWIP), overhead or contributions in aid of construction and allowances for funds used during construction (AFUDC), for additions to, renewals and replacements of plant facilities, but excluding the purchase cost of an acquired operating unit or system of utility plant, accounting transfers and adjustments to utility plant, and cost to remove plant facilities from service.

Conversion to Natural Gas: Changing the gas service to ultimate customers from a fuel other than natural gas to natural gas, including adjustment of consumers' appliances to perform satisfactorily with natural gas. Natural gas does not necessarily mean straight natural gas; stabilizing the heat content of the sendout gas by dilutent gases or enriching gases is not considered to change the basic character of natural gas. For the purpose of uniform reporting a company should be considered a natural gas company when 95 percent of the system has been converted.

Cubic Foot: The most common unit of measurement of gas volume. It is the amount of gas required to fill a volume of one cubic foot under stated conditions of temperature, pressure, and water vapor.

Current Gas: See Storage, Underground.

Cushion Gas: The gas required in a reservoir, used for storage of natural gas, so that reservoir pressure is such that the storage gas may be recovered.

Customer: An individual, firm or organization that purchases service at one location under one rate classification, contract, or rate schedule. If service is supplied at more than one location or under more than one rate schedule, each location and rate schedule shall be counted as a separate customer unless the consumption at the several locations is combined before billing and billed on one rate schedule. See class of service.

Customers, Average Number of: The average number of customers is determined by summing the customers for each of the periods involved and dividing by the number of periods. See Customer.

Customers, End of Year: The number of customers at December (or the last month of a fiscal year) including all billing cycles. See Customers, Average Number of.

Degree Day, Heating: A measure of the coldness of the weather experienced, based on the extent to which the daily mean temperature falls below a reference temperature, usually 65°F. For example, on a day when the mean outdoor dry-bulb temperature is 35°F., there would be 30 degree-days experienced. A daily mean temperature usually represents the sum of the high and low readings divided by two.

Degree Day Normal: The simple arithmetic average of monthly or annual degree days (usually for a 30-year period). May be a simple degree-day normal or population-weighted degree-day normal.

Demand: The rate at which gas is delivered to or by a system, part of a system, or a piece of equipment, expressed in cubic feet or therms or multiples thereof, for a designated period of time called the demand interval. Compare Load.

Design Day: A 24-hour period of demand which is used as a basis for planning gas capacity requirements

Design Day Availability: The amount of each type of gas arranged to be available on the design day and the maximum combination of such supplies. (In the case of purchased natural gas, the maximum day allocation, maximum day contract quantity, or FERC authorization).

Design Day Temperature: The mean temperature assumed for the Design Day.

Dissolved Natural Gas: See Gas, Natural

Distribution Company, Gas: Company which obtains the major portion of its gas operating revenues from the operation of a retail gas distribution system, and which operates no transmission system other than incidental connections within its own system or to the system of another company. For purposes of AGA statistics, a distribution company obtains at least 90 percent of its gas operating revenues from sales to ultimate customers and classifies at least 90 percent of mains (other than service pipe) as distribution. Compare Integrated Company, Gas; Transmission Company, Gas.

Distribution Mains: See System Type

Distribution System, Gas: See System Type

Dry Natural Gas: See Gas, Natural

Enriching: To increase the heat content of a gas by mixing it with gas of higher Btu content.

Exchange Gas: Gas that is received from (or delivered to) another party in exchange for gas delivered to (or received from) such other patty.

Field Pipeline: See System Type

Firm Service: Service offered to customers (regardless of Class of Services) under schedules or contracts that anticipate no interruptions. The period of service may be for only a specified part of the year as in Off-Peak Service. Certain firm service contracts may contain clauses, which permit unexpected interruption in case the supply to residential customers is threatened during an emergency. Compare Interruptible Service; and Off-Peak Service.

Foreign Gas: See Storage, Underground

Gallon: A unit of liquid measure. The U.S. gallon contains 231 cubic inches or 8.3359 pounds avoirdupois of distilled water at its maximum density and with the barometer at 30 inches.

Gas, Dg: See Gas, Natural

Gas, Liquefied Petroleum (LPG): A gas containing certain specific hydrocarbons, which are gaseous under normal atmospheric conditions but can be liquefied under moderate pressure at normal temperatures. Propane and butane are the principal examples.

Gas, Manufactured: A gas obtained by destructive distillation of coal, or by the thermal decomposition of oil, or by the reaction of steam passing through a bed of heated coal or coke, or catalyst beds. Examples are coal gases, coke oven gases, producer gas, blast furnace gas, blue (water) gas, and carbureted water gas. Btu content varies widely.

Gas, Natural: A naturally occurring mixture of hydrocarbon and non-hydrocarbon gases found in porous geologic formations beneath the earth's surface, often in association with petroleum. The principal constituent is methane.

Associated: Free natural gas in immediate contact, but not in solution with crude oil in the reservoir.

Dissolved: Natural gas that is in solution found in crude oil in the reservoir.

Dry: Gas whose water content has been reduced by a dehydration process. Gas that contains lime or no hydrocarbons commercially recoverable as liquid product. Varying statutory definition in certain states permits specified small quantities of liquids.

Liquefied (LNG): Natural gas that has been liquefied by reducing its temperature to minus 260°F at atmospheric pressure. It remains a liquid at -116°F and 673 psia. In volume it occupies 1/600 of that of the vapor.

Liquids: Those liquid hydrocarbon mixtures that are gaseous at reservoir temperatures and pressures but are recoverable by condensation or absorption. Natural gasoline and liquefied petroleum gases fall in this category.

Non-Associated: Free natural gas not in contact with, nor dissolved in, crude oil in the reservoir.

Sour: Gas found in its natural state. containing such amount of compounds of sulphur as to make it impractical to use, without purifying, because of its corrosive effect on piping and equipment.

Substitute: A gas manufactured from carbonaceous material whose characteristics are substantially interchangeable with natural gas. The resultant gas is composed primarily of methane. At this writing, SNG feedstocks are the light hydrocarbons, propane, butane and the naphthas. Development is underway of processes for production from heavier feedstocks, coal, peat and solid wastes.

Sweet: Gas found in its natural state, containing such small amount of compounds of sulphur that it can be used without purifying, with no deleterious effect on piping and equipment.

Wet: Wet natural gas is unprocessed natural gas or partially processed natural gas produced from strata containing condensable hydrocarbons. The term is subject to varying legal definitions as specified by certain state statutes. (The usual maximum allowable is 7 lbs./ MMcf water content and .02 gallons/Mcf of Natural Gasoline.)

Gas, Oil: A gas resulting from the thermal decomposition of petroleum oils, composed mainly of volatile hydrocarbons and hydrogen. The true heating value of oil gas may vary between 800 and 1600 Btu per cubic foot depending on the operating conditions and feedstock properties.

Gas, Substitute Natural (SNG): See Gas, Natural

Gas Transported for Others: That volume of gas owned by another company received into and transported through any part of the transmission system under a transportation tariff.

Gate Station: Generally, a location at which gas changes ownership, from one party to another, neither of which is the ultimate consumer. It should be noted, however, that the gas may change from one system to another at this point without changing ownership. Also referred to as city gate station, town border station, or delivery point.

Gathering Pipeline: See System Type

Heating Value: The amount of heat produced by the complete combustion of a unit quantity of fuel. The gross or higher heating value is that which is obtained when all of the products of combustion are cooled to the temperature existing before combustion, the water vapor formed during combustion is condensed, and all the necessary corrections have been made. The net or lower heating value is obtained by subtracting the latent heat of vaporization of the water vapor formed by the combustion of the hydrogen in the fuel, from the gross or higher heating value.

Holder, Gas: A gas-tight receptacle or container in which gas is stored for future use. (1) at approximately constant pressure (low-pressure containers) in which case the volume of the container changes; and (2) in containers of constant volume (usually high-pressure containers) in which case the quantity of gas stored varies with the pressure.

Holding Company: A gas holding company is a corporation that is formed for the purpose of owning stock in other gas companies.

Horsepower, Compressor: The horsepower rating on the nameplate.

Horsepower, (HP): A unit of power; equivalent to 33,000 foot-pounds per minute, or 550 footpounds per second (mechanical horsepower), or 0.746 kilowatts.

Hydrocarbon: A chemical compound composed solely of hydrogen and carbon. The compounds having a small number of carbon and hydrogen atoms in their molecule are usually gaseous; those with a larger number of atoms are liquid, and the compounds with the largest number of atoms are solid.

Industrial Service: See Class of Service

Integrated Company, Gas: A company that obtains a significant portion of its gas operating revenues from the operations of both a retail gas distribution system and gas transmission system. For purposes of AGA statistics, an integrated company obtains less than 90 percent but more than 10 percent of its gas operating revenues from either its retail or transmission operations or does not meet the classification of mains established for distribution or transmission companies. Compare Distribution Company, Gas; Transmission Company, Gas

Interruptible Service: Low priority service offered to customers under schedules or contracts that anticipate and permit interruption on short notice, generally in peak-load seasons, by reason of the claim of firm service customers and higher priority users. Gas is available at any time of the year if the supply is sufficient and the supply system is adequate.

Line Pack, Gas Delivered from: That volume of gas delivered to the markets supplied by the net change in pressure in the regular system of mains, transmission and/or distribution. For example, the change in the content of a pipeline brought about by the deviation from steady flow condition.

Liquefied Natural Gas (LNG): See Gas, Natural

Liquefied Petroleum Gas (LPG): See Gas, Liquefied Petroleum

Load: The amount of gas delivered or required at any specified point or points on a system; load originates primarily at the gas consuming equipment of the customers. Also, to load a pressure regulator is to set the regulator to maintain a given pressure as the rate of gas flow through the regulator varies. Compare Demand.

Local Storage: See Storage, Local.

Mcf: The quantity of natural gas occupying a volume of one thousand (1,000) cubic feet at a temperature of sixty degrees Fahrenheit (60°F) and at a pressure of fourteen and seventy-three hundredths pounds per square inch absolute (14.73 psia).

MMBtu: A thermal unit of energy equal to 1,000,000 Btu, that is equivalent of 1,000 cubic feet of gas having a heat content of 1,000 Btu per cubic foot, as provided by contract measurement terms.

MMcf: 1,000,000 cubic feet; Million cubic feet; see Cubic Foot.

Main: A distribution line that serves as a common source of supply for more than one gas service line.
Distribution Mains: See System Type
Field and Gathering Pipeline: See System Type
Transmission Pipeline: See System Type

Manufactured Gas: See Gas, Manufactured

Marketable Natural Gas: Raw gas from which certain hydrocarbons and non-hydrocarbon compounds have been removed by processing. Marketable natural gas is often referred to as pipeline gas, residue gas, or sales gas.

Maximum Day:
Allocation: See Design Day Availability
Sendout: See Sendout, Maximum Day

Minimum Day: See Sendout, Minimum Day

Native Base Gas: See Storage, Underground

Natural Gas: See Gas, Natural

Natural Gas, Associated: See Gas, Natural

Natural Gas, Dissolved: See Gas, Natural

Natural Gas, Dry: See Gas, Natural

Natural Gas, Liquefied: See Gas, Natural

Natural Gas Liquids: See Gas, Natural

Natural Gas, Non-Associated: See Gas, Natural

Natural Gas Reserves: See Reserves

Natural Gas, Sour: See Gas, Natural

Natural Gas, Sweet: See Gas, Natural

Natural Gas, Wet: See Gas, Natural

Natural Gasoline: Liquid removed from natural gas by absorption or refrigeration and containing hydrocarbons heavier than butane.

Off-Peak Service: Service made available on special schedules or contracts but only for a specified part of the year during the off-peak season. Compare Interruptible Service.

Oil Gas: See Gas, Oil

Oil, Heavy: Heavy, thick and viscous oils. Usually refinery residuals commonly specified as grades 5 and 6.

Oil, Light: Generally, all oils lighter than residual fuel oils No. 5 and No. 6. Oils that have a low specific gravity, usually products of controlled distillation of crude oil but also including by-product benzol and toluol.

Peak Day: The one day (24 hours) of maximum system deliveries of gas during a year. Peak day data are used to, among other things, determine the allocation of certain costs between classes of service. See Design Day.

Peak Shaving: The use of fuels and equipment to generate or manufacture gas to supplement the normal supply of pipeline gas during periods of extremely high demand. This method prevents the expensive alternative of expanding pipeline facilities.

Pipeline: All parts of those physical facilities through which gas is moved in transportation, including pipe, valves and other appurtenance attached to pipe, compressor units, metering stations, regulator stations, delivery stations, holders and fabricated assemblies. See System Type.

Pressure, Absolute (PSIA): Pressure in excess of a perfect vacuum. Absolute pressure is obtained by algebraically adding gauge pressure to atmospheric pressure. Pressures reported in "atmospheres" are understood to be absolute. Absolute pressure must be used in equations of state and in all gas-law calculations. Gauge pressures below atmospheric pressure are called vacuum.

Pressure, Gauge (psia): Pounds per square inch above atmospheric pressure.

Producer Gas (Also, Manufactured Gas): A combustible gas made in a furnace or apparatus by circulating air or a mixture of air and steam through a layer of incandescent material consisting chiefly of carbon monoxide, hydrogen and nitrogen.

Propane (C_3H_8): A gas, the molecule of which is composed of three carbon and eight hydrogen atoms. Propane is present in most natural gas and is the first product refined from crude petroleum. It has many industrial uses and may be used for heating and lighting. Contains approximately 2,500 Btu per cubic foot.

Recoverable Natural Gas Reserves: See Reserves, Estimated Proved Natural Gas Reserves.

Refinery Gas: See Gas, Oil

Resale Service: See Class of Service, Sales for Resale

Reserves, Energy: Refers to the bank of natural resources, such as natural gas, natural gas liquids, petroleum, coal, lignite, and energy available from water power, and solar and geothermal energy.

Estimated Potential Natural Gas Reserves: Refers to an estimate of the remaining natural gas in a specified area, which are judged to be recoverable.

Estimated Proved Natural Gas Reserves: An estimated quantity of natural gas which analysis of geologic and engineering data demonstrate with reasonable certainty to be recoverable in the future from known oil and gas reservoirs, under anticipated economic and current operating conditions. Reservoirs that have demonstrated the ability to produce by either actual production or conclusive formation test are considered proved.

Saturation, Appliance or Customer: The number of specified appliances, or users, divided by the basic units or total potential of the universe involved, i.e., Gas Heating Saturation related to customers is the total number of customers with space heating divided by the total number of customers. Saturation should not be used alone but should be associated with customers, families' households, population or other qualifying terms indicating the universe referred to. For industry statistics, saturation based on customers served is used.

Sendout, Gas: Total gas produced, purchased (including exchange gas receipts), or net withdrawn from underground storage within a specified time interval, measured at the point(s) of production and/or purchase, and/or withdrawal, adjusted for changes in local storage quantity. It comprises gas sales, exchange deliveries, gas used by company and unaccounted for gas. Expressed in various units such as thermals, Btu's, cubic feet, etc.

Sendout, Maximum Day: The greatest actual total gas sendout occurring in a specified 24-hour period. Compare Design Day; Peak Day.

Sendout, Minimum Day: The smallest actual total gas sendout occurring in a specified 24-hour period.

Service (Service Line, Service Pipe): The pipe that carries gas from the main to the customer's meter. Compare Class of Service.

Shrinkage, Natural Gas: The reduction in volume of wet natural gas due to the extraction of some of its constituents, such as hydrocarbon products, hydrogen sulfide, carbon dioxide, nitrogen, helium, and water vapor.

Storage, Local: The storage facilities, other than underground storage, that are an integral part of a distribution system, i.e., on the distribution side of the city gate, whether for manufactured, mixed, natural, liquefied petroleum, or liquefied natural gases.

Storage Mains: Those mains used primarily for injection and withdrawal of gas to and from underground storage.

Storage, Underground: The utilization of subsurface facilities for storing gas that has been transferred from its original location for the primary purposes of load balancing. The facilities are usually natural geological reservoirs such as depleted oil or gas fields or waterbearing sands sealed on the top by an impermeable cap rock. The facilities also may be man-made or natural caverns.

Aquifer Storage: The storage of gas underground in porous and permeable rock stratum, the pore space of which was originally filled with water and in which the stored gas is confined by suitable structure, permeability barriers and hydrostatic water pressure.

Base Gas (Also called cushion gas): The total volume of gas that will maintain the required rate of delivery during an output cycle.

Current Gas: The total volume of gas in a storage reservoir that is in excess of the base gas. Also called Working Gas.

Extraneous Gas: See Stored Gas in this section

Foreign Gas: See Stored Gas in this section

Native Gas: The total volume of gas indigenous to the storage reservoir.

Storage Reservoir: That part of the storage zone having a defined limit of porosity and/or permeability which can effectively accept, retain, and deliver gas.

Storage Well: A cased bore hole, extending from the surface into the storage zone, which is used primarily for gas input and/or output purposes.

Stored Gas: Gas physically injected into a storage reservoir.

Ultimate Reservoir Capacity: The total estimated volume of gas that could be contained in storage reservoir when it is developed to the maximum design pressure.

Working Gas: Gas in an underground storage field that is available for market. May also be called Current Gas.

Straight Gas Utility: Company which derives the major portion of its total operating revenues from gas operations. For purposes of AGA statistics, a straight gas utility derives at least 95 percent of its total operating revenues from gas operations. See Combination Gas Utility.

Substitute Natural Gas: See Gas, Natural

System Type:

Distribution: Generally mains, services, and equipment which carry or control the supply of gas from the point of local supply to and including the sales meters. The system operates at various pressures as indicated below.

High Pressure: A system which operates at a pressure higher than the standard service pressure delivered to the customer; thus, a pressure regulator is required on each service to control pressure delivered to the customer. Sometimes this is referred to as medium pressure.

Low Pressure or Utilization Pressure: A system in which the gas pressure in the mains and service lines is substantially the same as that delivered to the customers' appliances; ordinarily a pressure regulator is not required on individual service lines.

Field and Gathering: A network of pipelines (mains) transporting natural gas from individual wells to compressor station, processing point, or main trunk pipeline.

Main: The network of distribution piping to which customers' service lines are attached. Generally large pipes are laid in principal streets with smaller laterals extending along side streets and connected at their ends to form a grid; sometimes laterals are brought to dead ends. Compare with Distribution, this section.

Transmission: Pipelines (Mains) installed for the purpose of transmitting gas from a source or sources of supply to one or more distribution centers, or to one or more large volume customers, or a pipeline installed to interconnect sources of supply. In typical cases transmission lines differ from gas mains in that they operate at higher pressures, are longer, and the distance between connections is greater.

Tcf: 1,000,000,000,000 cubic feet; Trillion cubic feet.

Therm: A unit of heating value equivalent to 100,000 British thermal units (Btu).

Transmission Company, Gas: A company which obtains at least 90 percent of its gas operating revenues from sales for resale and/or transportation of gas for others and/or main line sales to industrial customers *and* classifies at least 90 percent of mains (other than service pipe) as field and gathering, storage and/or transmission. Compare Distribution Company, Gas; Integrated Company, Gas.

Transmission Pipeline: See System Type

Transmission System: See System Type

Transportation Volumes to End-Users: Volumes of gas owned by the ultimate consumer (end-user) and delivered to the ultimate consumer's meter by the transporter.

Ultimate Customer: The customer who purchases gas for consumption and not for resale purposes.

Ultimate Reservoir Capacity: See Storage, Underground

Unaccounted for Gas: The difference between the total gas available from all sources and the total gas accounted for as sales, net interchange and company use. This difference includes leakage or other actual losses, discrepancies due to meter inaccuracies, variations of temperature and/ or pressure, and other variants, particularly due to measurements being made at different times. In cycle billings, an amount of gas supply used but not billed as of the end of a period. Compare Sendout, Gas.

Underground Storage: See Storage, Underground

Well, Wildcat: An exploratory well being drilled in unproven territory, that is, in a horizon from which there is no production in the general area.

Wet Natural Gas: See Gas, Natural

Working Gas: See Storage, Underground

APPENDIX B
CONVERSION TABLE

The following are a few frequently used units of measure and natural gas equivalents in British thermal unit (Btu). The equal sign (=) between volumes and energy unit is read as "contains." The numbers reflect the national average Btu content per cubic foot.

1 Cubic Foot (cf) = 0.02832 Cubic Meters = 1,024.0 Btu
1 Therm = 100,000 Btu ≃ 25,200 Kilocalories ≃ 100 Cubic Feet
1 Mcf = 1,000 Cubic Feet = 28.32 Cubic Meters = 1,024,000 Btu
1 M Therm = 100,000,000 Btu - 25,200,000 Kilocalories
1 MMcf = 1,000,000 Cubic Feet = 1,024,000,000 Btu

Conversion examples:

(1) To convert 2,325 MMcf to trillions of Btu:
(2,325 MMcf) (1,024,000,000 Btu/MMcf)
= 2,380,800,000,000 Btu
~ 2.381 trillion Btu

(2) To convert 5,000 trillion Btu to millions of cubic feet:
(5,000 trillion Btu) (1 cf/1,024.0 Btu)
= 4.882 trillion cf (Tcf)
≃ 4,882,813 MMcf

(3) To convert 22,150 million therms to trillions of Btu:
(22,150 million therms) (100,000 Btu/therm)
= 2,215,000,000 million Btu
= 2,215 trillion Btu

(4) To convert the Btu content of 1 cubic foot at 15.05 psia to 14.73 psia:
(1,024.0 Btu/cf) (14.73 psia/15.05 psia)
≃ 1,002.2 Btu/cf

For comparative purposes, Btu contents of energy sources other than natural gas are shown below*:

Fuel Oil (barrel)	
Distillate	5,825,000 Btu
Residual	6,287,000 Btu
Coal (short ton)	19,858,000 Btu
Electricity (kilowatt-hour)	3,412 Btu
Natural gas liquids (barrel)	3,674,000 Btu

* Department of Energy, Energy Information Administration, *Monthly Energy Review*, November 2011.

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